PORSCHE

911 Camera 4 Camera 2

Page

The workshop manual of the Carrera 4 also includes that for the Carrera 2. The Carrera 4 acts as the basis for description of the repairs in the manual. "Carrera 4" also appears on every page in the header line.

Deviating descriptions for repairs on the Carrera 2 follow those of the Carrera 4. These repair descriptions for both models are separated by a yellow sheet.

"Carrera 2" appears on all pages in the header line after the separating sheet. The page number starts with 100 as an additional distinction.

Wiring

Additional electrical equipment	97 - 01
Repairing wiring harness No. 2 and No. 3	
Repairing wiring harness No. 173 (DME wiring harness)	
Wiring diagram type 911 Carrera 4 model 89	
Wiring diagram type 911 Carrera 2/4 model 90	
Wiring diagram type 911 Carrera 2/4 model 91	97 - 71
Wiring diagram type 911 Carrera 2/4 model 92	97 - 109
Wiring diagram type 911 Carrera 2/4 model 93	

Additional electrical equipment

Note **Fusing possibilities** Additional electrical equipment must be con-Note nected only to the connection possibilities described below. Additional electrical equipment must be fused if the above connection possibilities can be Terminal 30 not fused: used. 1. Screw terminals at feeder to central electrics 1. Fuse 26: 2. Connector A 11 Incoming connector D 11 Outgoing connector C 45 Terminal X not fused: Connector A 14 2. Fuse 29: Incoming connectors C 35 and D 15 Terminal 15 not fused: Connector A 22 Outgoing connector D 23

Terminal 31

3. Separate fuses

1. Connector A 23

2. Ground points VI

3. Ground point VII

Repairing wiring harness No. 2 and No. 3

Note

As of MY '93, the combination wires for ABS and BVA (brake pad wear monitor) are incorporated into the wiring harness. When repairing damaged wiring, the integral wirings may be cut off and replaced with repair wires.

Wiring harness No. 2 (passenger compartment) is already provided with the left and right rear wires.

Wiring harness No. 3 (trunk floor panel) includes the left and right front wires.

Run the following functional checks after the repair:

- ABS: Check with ABS tester.
- BVA (brake pad wear monitor): The warning lamp must go off when the engine is running and if the pads are o.k.

Connector joints

Rear

In the right-hand and left-hand seat well, before the wires branch off to the outside.

Front

In the right-hand and left-hand luggage compartment above the side member near the spring strut domes.

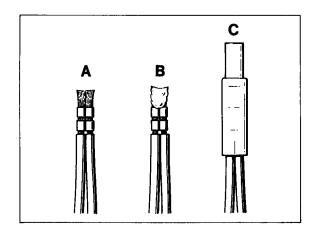
Rear

- 1. Disconnect battery.
- 2. Fold emergency seat backrests forward.
- 3. Remove rear wall trim.
- 4. Use adhesive tape to locate insulating padding out of the way.

Note

Unscrew convertible top motors (4 screws) on Cabriolet models.

- 5. Cut open insulating tube for wiring harness, starting at the rubber grommets and continuing for approx. 20 cm to the right.
- 6. Remove PVC insulating tape.
- 7. Remove shrink-fit caps from connector joints.
- 8. Cut off connectors.
- 9. Remove combination wires.
- 10. Fit repair wires, starting at wheel carriers and routing them towards the seat well.
- 11. Strip wire along a length of 10 mm.
- 12. Connect wires according to table using crimp connectors and standard crimping tool (A).



Combination wire

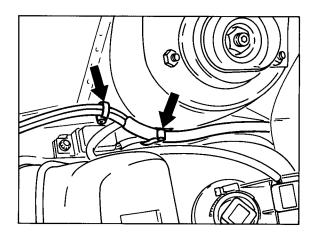
Wiring harn. No. 2

Color	Length	Color	
		rear left	
br/sw	30 mm	br/sw	
br/gn	60 mm	br/gn	
br/ws	90 mm	ws*	
br/bl	120 mm	Screen	
br	150 mm	br	
		rear right	
br/sw	30 mm	br/sw	
br/gn	60 mm	br/gn	
br/ws	90 mm	ge*	
br/bl	120 mm	Screen	
br	150 mm	br	

- * screened wires
 - br brown
 - sw black
 - ge yellow
 - bl blue
 - ws white
 - gn green
- 13. Solder tips after crimping (B).
- 14. Fit shrink-fit caps and shrink them using a hot-air gun (C).
- 15. Wrap up entire connector joint area using commercially available PVC tape.

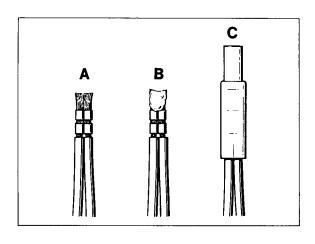
Front right

- 1. Disconnect battery.
- 2. Remove RH front wheel
- 3. Remove rear wheel housing liner.
- 4. Slacken tie-wrap in wheel housing area.
- 5. Slacken tie-wrap in luggage compartment.



- 6. Cut open insulating tube along wiring harness.
- 7. Remove PVC insulating tape.
- 8. Remove shrink-fit caps from connector joints.
- 9. Cut off connectors.
- 10. Remove combination wiring.
- 11. Fit repair wiring.
- 12. Strip wires along a length of 10 mm.

 Connect wires according to table using crimp connectors and standard crimping tool (A).



1316 - 97

Combination wire

Wiring harn. No. 3

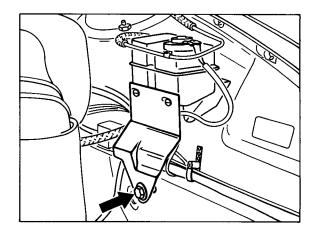
Color	Length	Color	
		front right	
br/sw	30 mm	br/sw	
br/gn	60 mm	br/gn	
br/ws	90 mm	gn*	
br/bl	120 mm	Screen	
br	150 mm	br	

- * screened wire
 - br brown
 - sw black
 - bl blue
 - ws white
 - gn green
- 14. Solder tips after crimping (B).
- 15. Fit shrink-fit caps and shrink them using a hot-air gun (C).

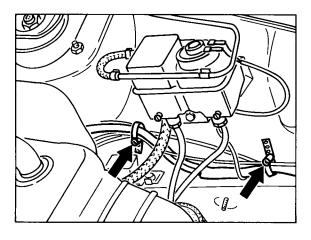
16. Wrap up entire connector joint area using commercially available PVC tape.

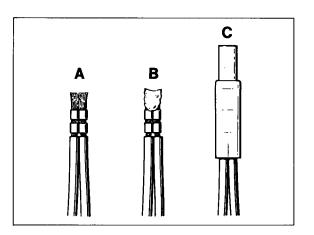
Front left

- 1. Disconnect battery.
- 2. Remove LH front wheel
- 3. Remove rear wheel housing liner.
- 4. Slacken tie-wrap in wheel housing area.
- 5. Remove bracket for brake fluid reservoir.



6. Slacken tie-wrap in luggage compartment.





1316 - 97

Wiring harn. No. 3

1374 - 97

- 7. Cut open insulating tube along wiring harness.
- 8. Remove PVC insulating tape.
- 9. Remove shrink caps from connector joints.
- 10. Cut off connectors.
- 11. Remove combination wire.
- 12. Fit repair wiring.
- 13. Strip wires along a length of 10 mm.
- Connect wires according to table, using crimp connectors and standard crimping tool (A).

Color	Length	Color
		front left
br/sw	30 mm	br/sw
br/gn	60 mm	br/gn
br/ws	90 mm	rt*
br/bl	120 mm	Screen
br	150 mm	br

* screened wire

Combination wire

- br brown
- sw black
- rt red
- bl blue
- ws white
- gn green
- 15. Solder tips after crimping (B).
- 16. Put shrink-fit caps into place and shrink them using a hot-air gun (C).
- 17. Wrap up entire connector joint area using commercially available PVC tape.

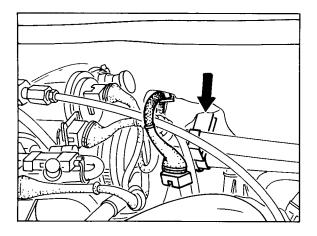
Repairing wiring harness No. 173 (DME wiring harness)

Replacing air flow sensor connector

Situation: Rough engine running, e.g. poor throttle response, rough idling.

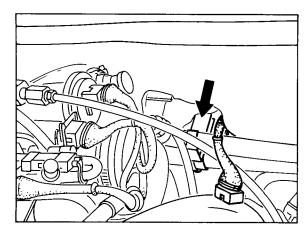
Note

Leave a gap of approx. 15 mm between the air flow sensor connector and the oil tank breather pipe. If the gap is too small or if the connector touches the breather pipe, check the breather pipe routing and correct it if required.



Speedster

1786-97

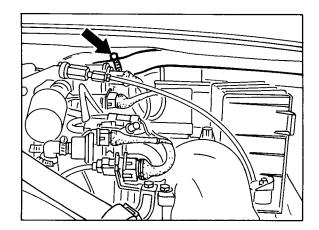


911 Carrera

1787-97

On the Speedster, the breather pipe bracket is located to the right of the air flow sensor wire while, on the 911 Carrera, it is located to the left.

- 1. Remove upper air filter section with filter element.
- 2. Release oil tank brather hose from rubber shroud.



1788-97

3. Pull connector off the air flow sensor. The connector is accessible from the right-hand side across the air filter.

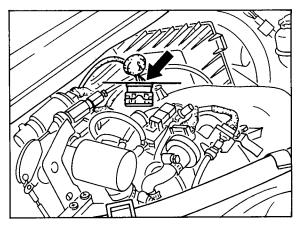
- 4. Pull out wiring harness complete with connector from between air flow sensor and idle speed positioner towards the rear.
- 5. Push back rubber sleeve.

Note

97

If the vehicle is fitted with a rubber sleeve with straight wire exit, fit angled rubber sleeve (wire exits towards left) from the repair kit.

6. Cut off wires close to the connector housing.



1789-97

- 7. Strip wires along a length of approx. 5 mm.
- 8. Crimp connector contacts from repair kit with a crimping tool, e.g. VAG 000.097.003 A.
- 9. Connect wires to connector housing according to wiring diagram or the below table.
 - 1 blue/grey
 - 2 green/red
 - 3 blue/green
 - 4 green/black
 - 5 not used

Wiring Diagram Type 911 Carrera 4 Model 89

The wiring diagram consists of 11 individual wiring diagrams, 1 sheet construction components and 1 sheet plug connections and ground points. These are divided into coordinate fields.

Each individual wiring diagram contains a part of the central-electrics box in a dashdotted frame.

This part of the central-electrics box shows all the lines and relays necessary for the individual wiring diagram.

The earth/ground points are identified by "MP" and their location is shown in a vehicle diagram.

The 10-pin connectors on the central-electrics box are clipped together out of 3 parts, the 20-pin connectors are clipped together out of 5 parts.

Part 1, with the moduled-on fastening lug, is the "starting element".

Parts 2,3 and 4 are "module elements".

The 10-pin connectors only contents one "module element".

Start- and module elements are identified by the numbers 1.....5.

Part 5 ist a "coding element".

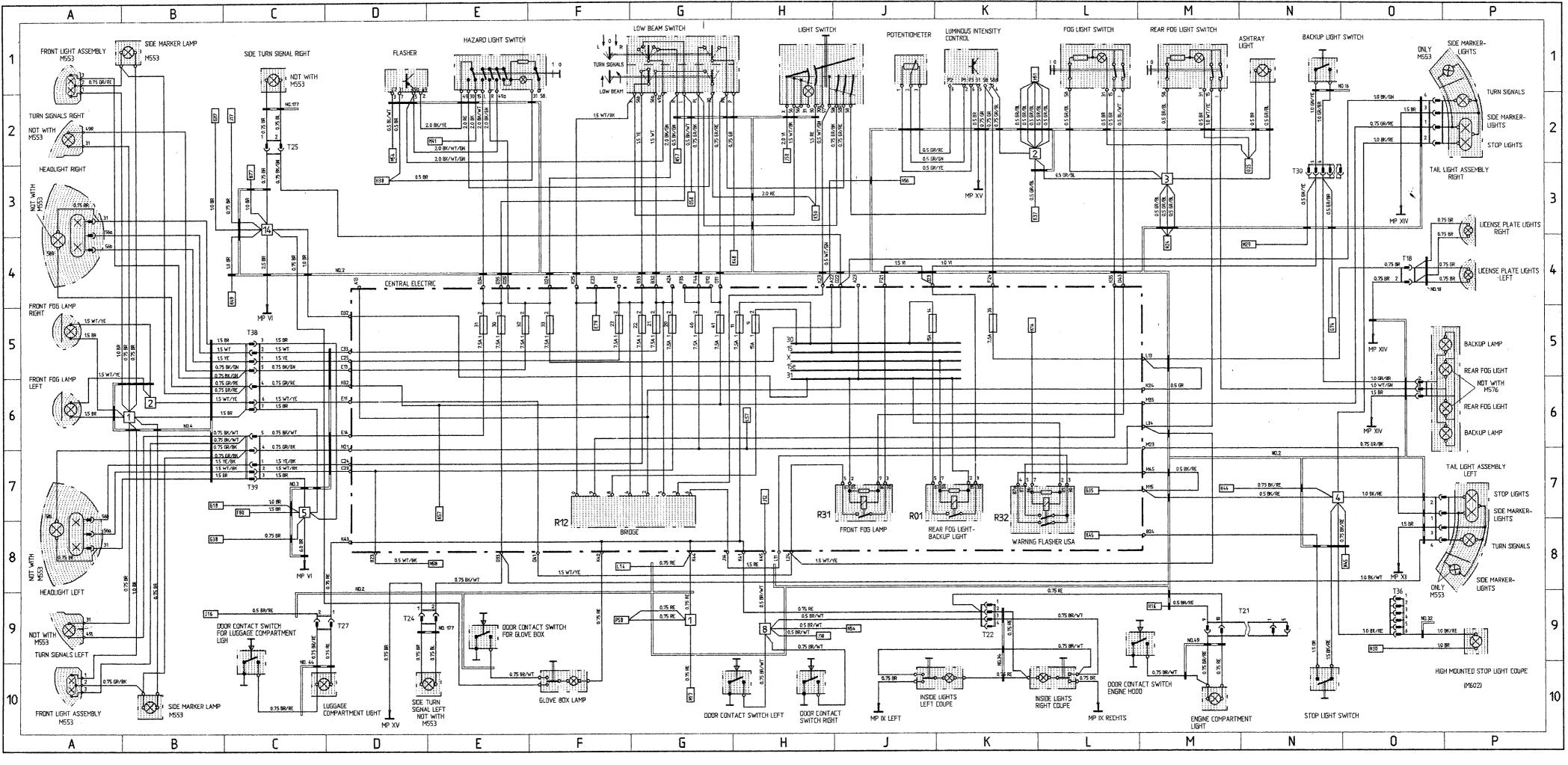
The designations of the plug connections in the wiring diagram refer to the "starting element" from, for example, B 11.....15, and to the first module element from B 21.....25.

Wiring Diagram Type 911Carrera 4 Model 89

Coordinates

Sheet	1	1- 10	Lights
Sheet	2	11 - 20	Alarm System, Central Locks, Mirror, Power Window Regulator
Sheet	3	21 - 30	Heater, AC, Coolant Fan, Rear Window Defogger
Sheet	4	31 - 40	ABS, Porsche Dynamic AWD Control
Sheet	5	41 - 50	Motor, Ignition, Cruise Control
Sheet	6	51 - 60	Instruments, Sender, Central Informer
Sheet	7	61 - 70	Seats
Sheet	8	71 - 80	Rear Spoiler, Two-Tone Horns, Wipe- and Wash Cleaners
Sheet	9	81 - 90	Radio
Sheet	10	91 - 100	Fog Light, Rear Fog Light
Sheet	11		Central Electric
Sheet	12		Construction Components
Sheet	13		Plug Connections and Ground Points

911 Carrera 4 Model 89 Sheet 1

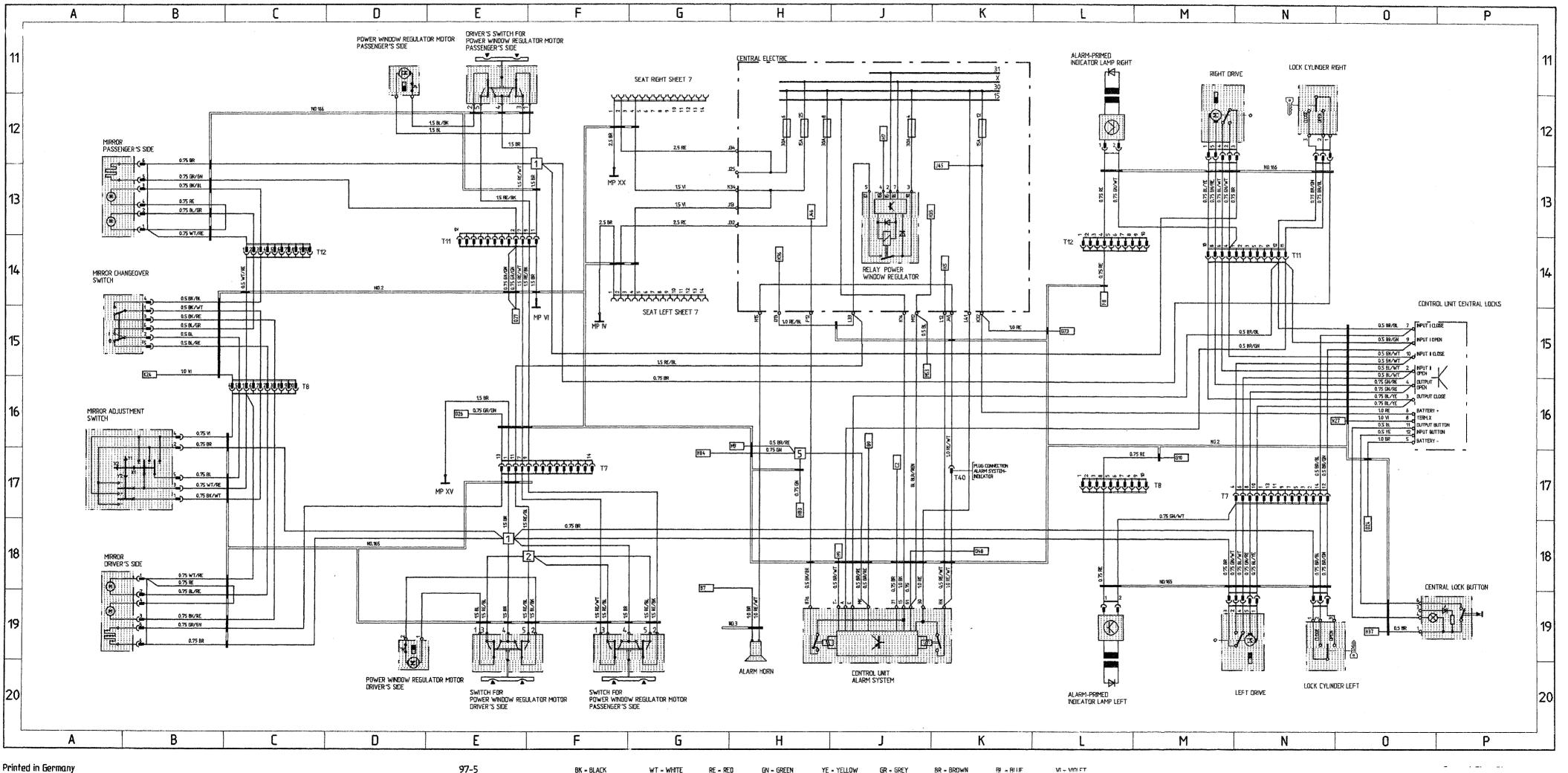


Printed in Germany

BK = BLACK W

= RED GN = GREEN

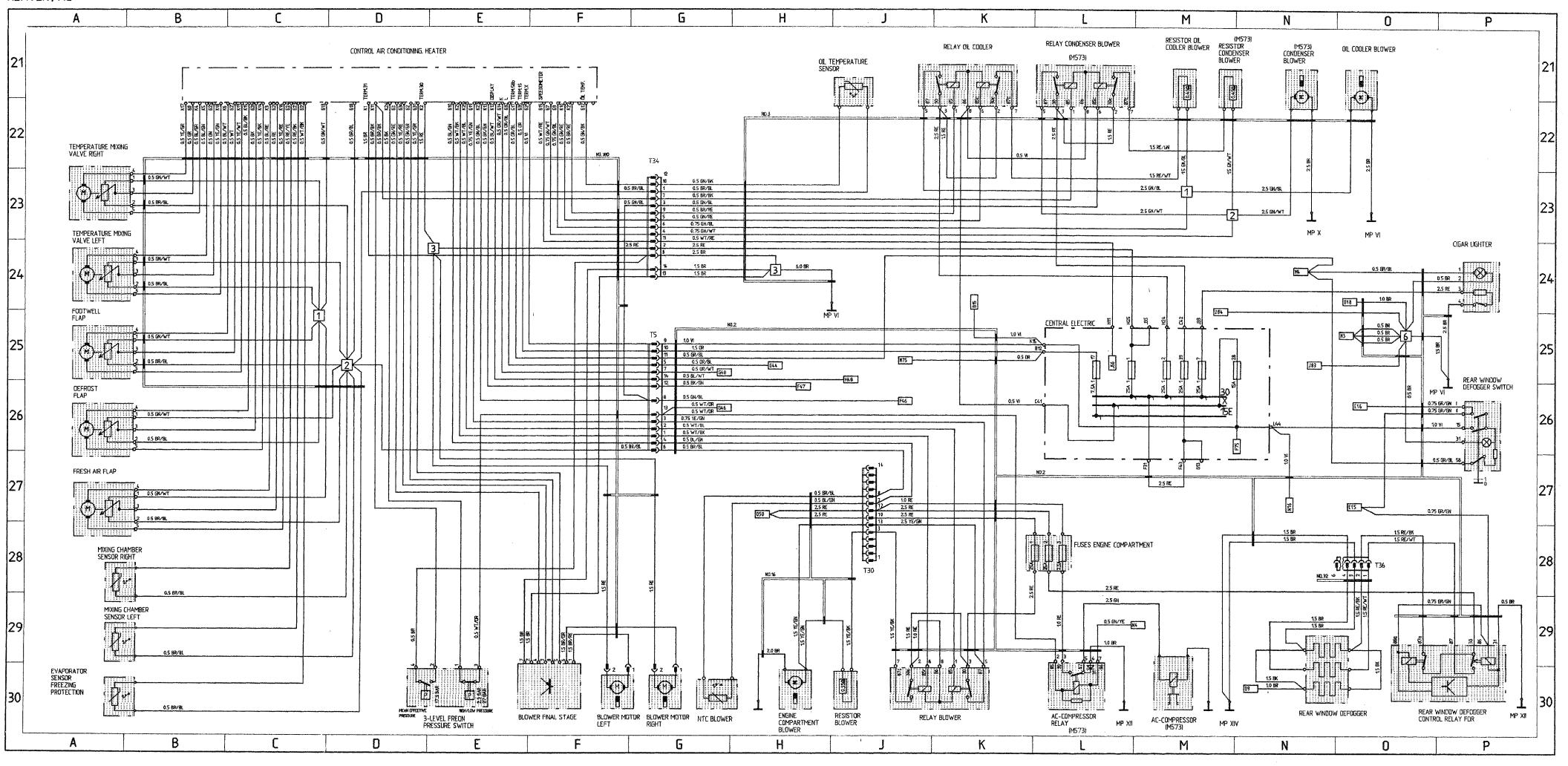
911 Carrera 4 Model 89 Sheet 2 SEATS, ALARM SYSTEM, CENTRAL LOCKS, MIRROR, POWER WINDOW REGULATOR



97

Wiring

911 Carrera 4 Model 89 Sheet 3 HEATER, AC

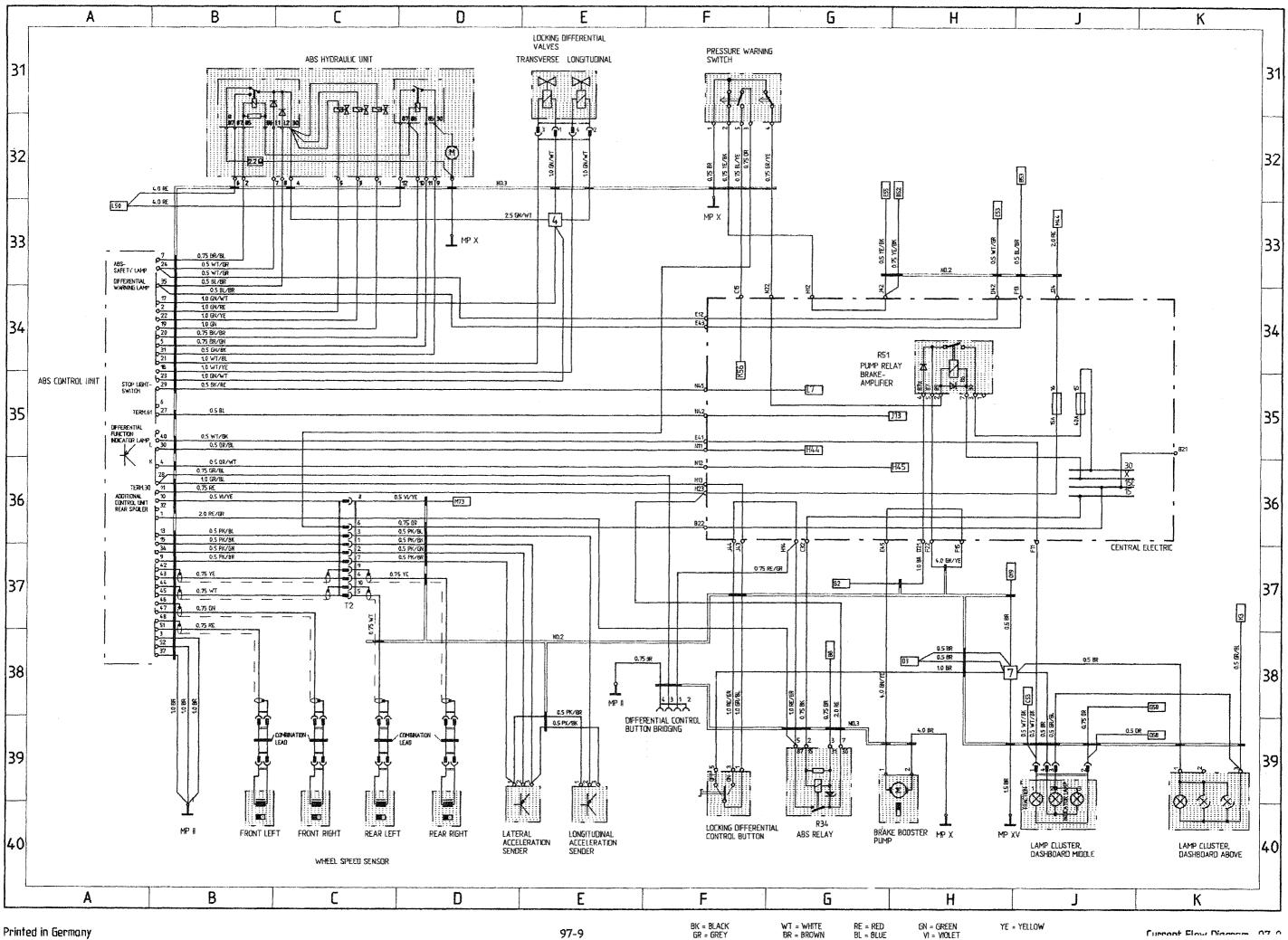


BK = BLACK WT = WHITE

Wining

911 Carrera 4 Model 89 Sheet 4

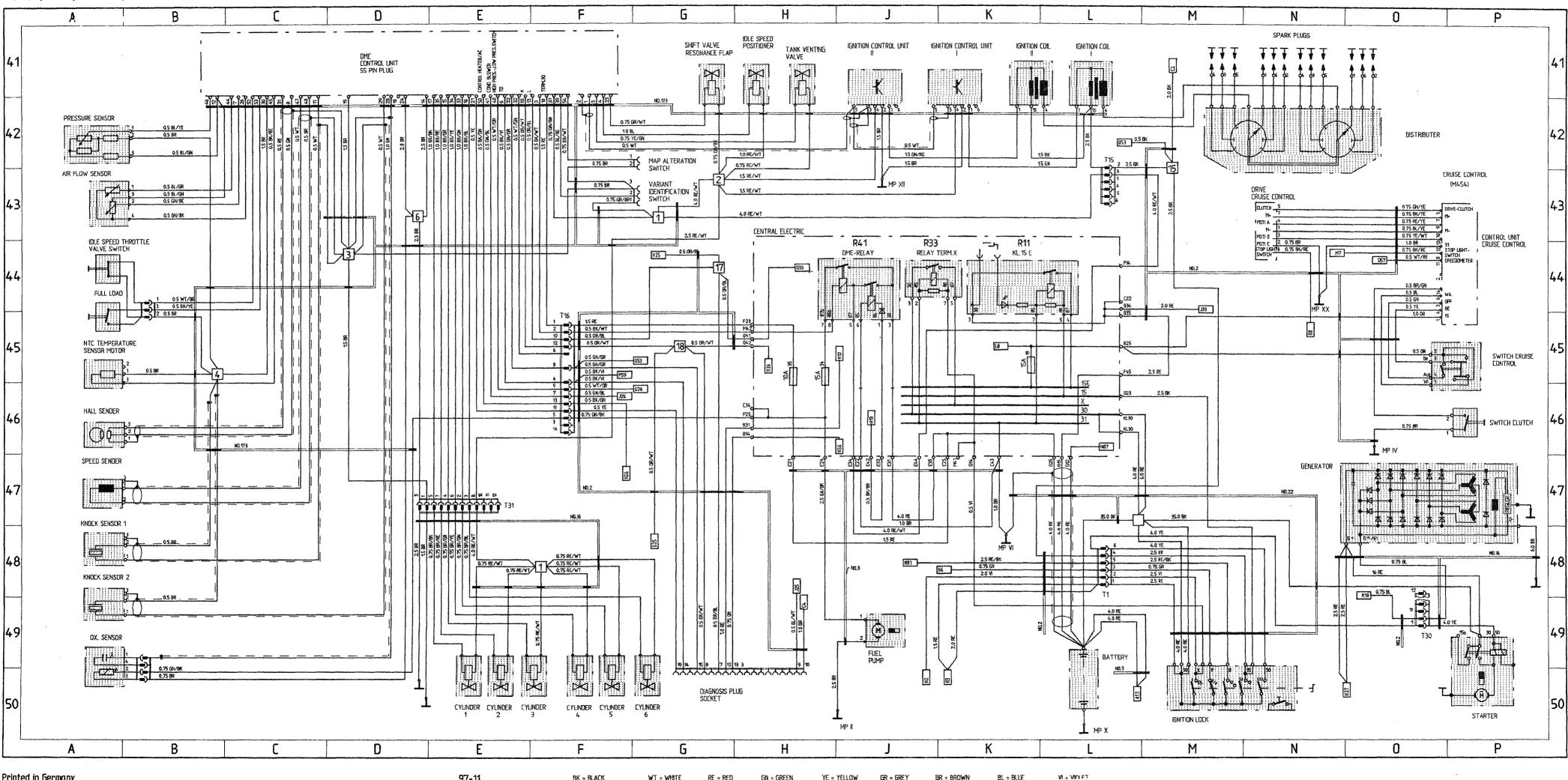
ABS, PORSCHE DYNAMIC AWD CONTROL



Wiring

911 Carrera 4 Model 89 Sheet 5

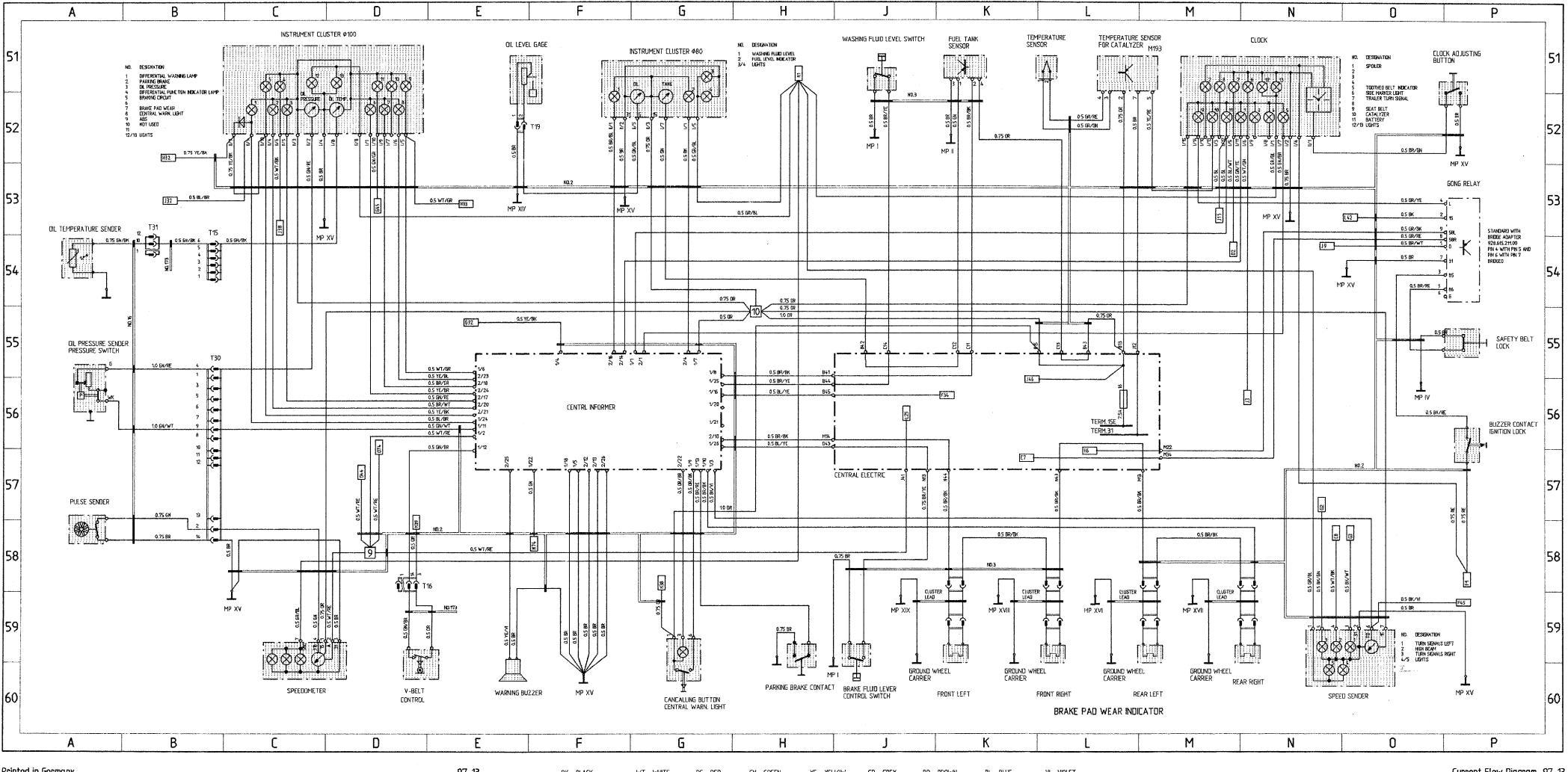
MOTOR, FUEL, IGNITION, CRUISE CONTROL



Printed in Germany

Wirina

911 Carrera 4 Model 89 Sheet 6 INSTRUMENTS AND SENDER

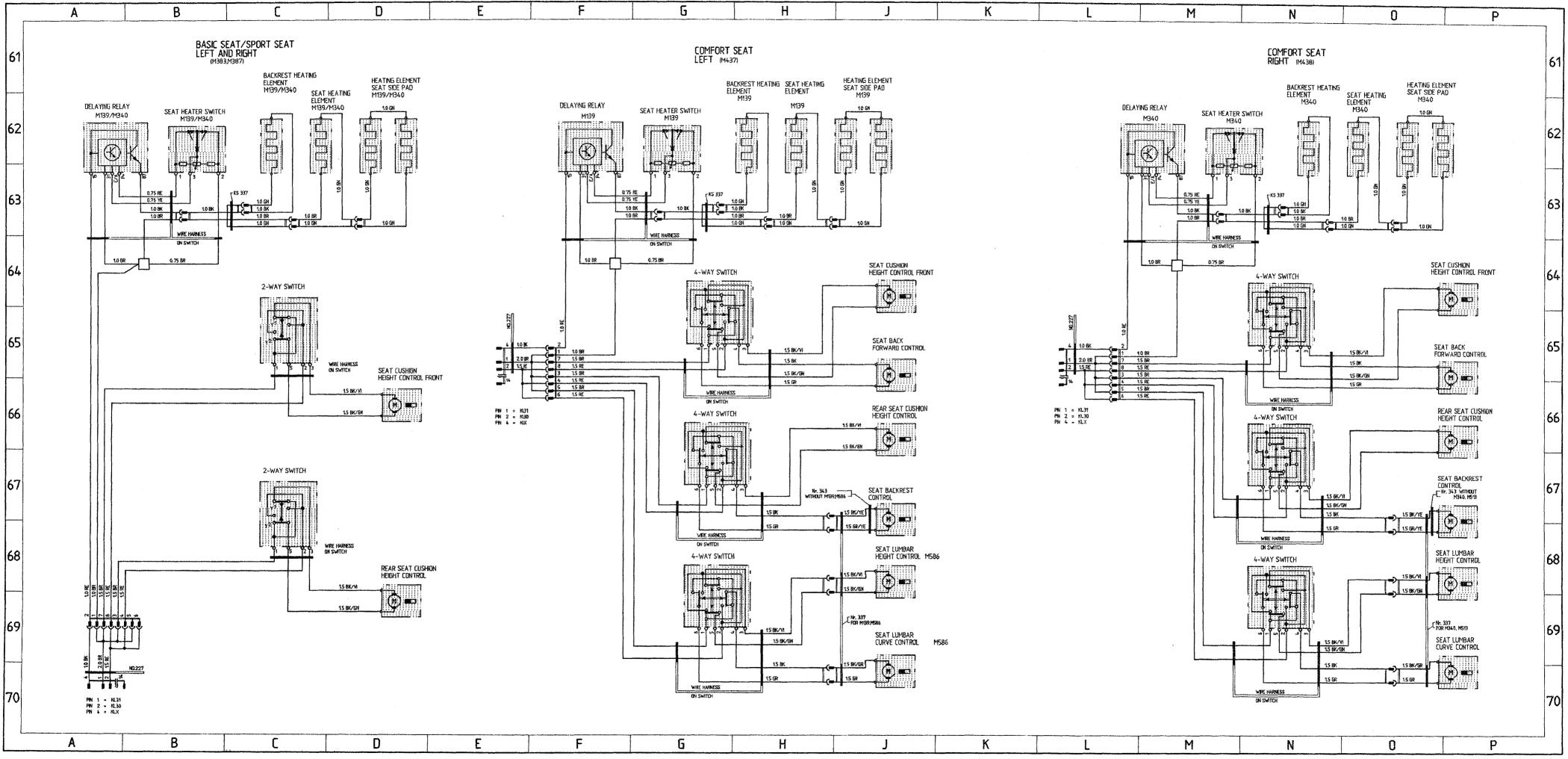


Printed in Germany

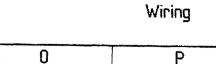
97-13

Wining

911 Carrera 4 Model 89 Sheet 7

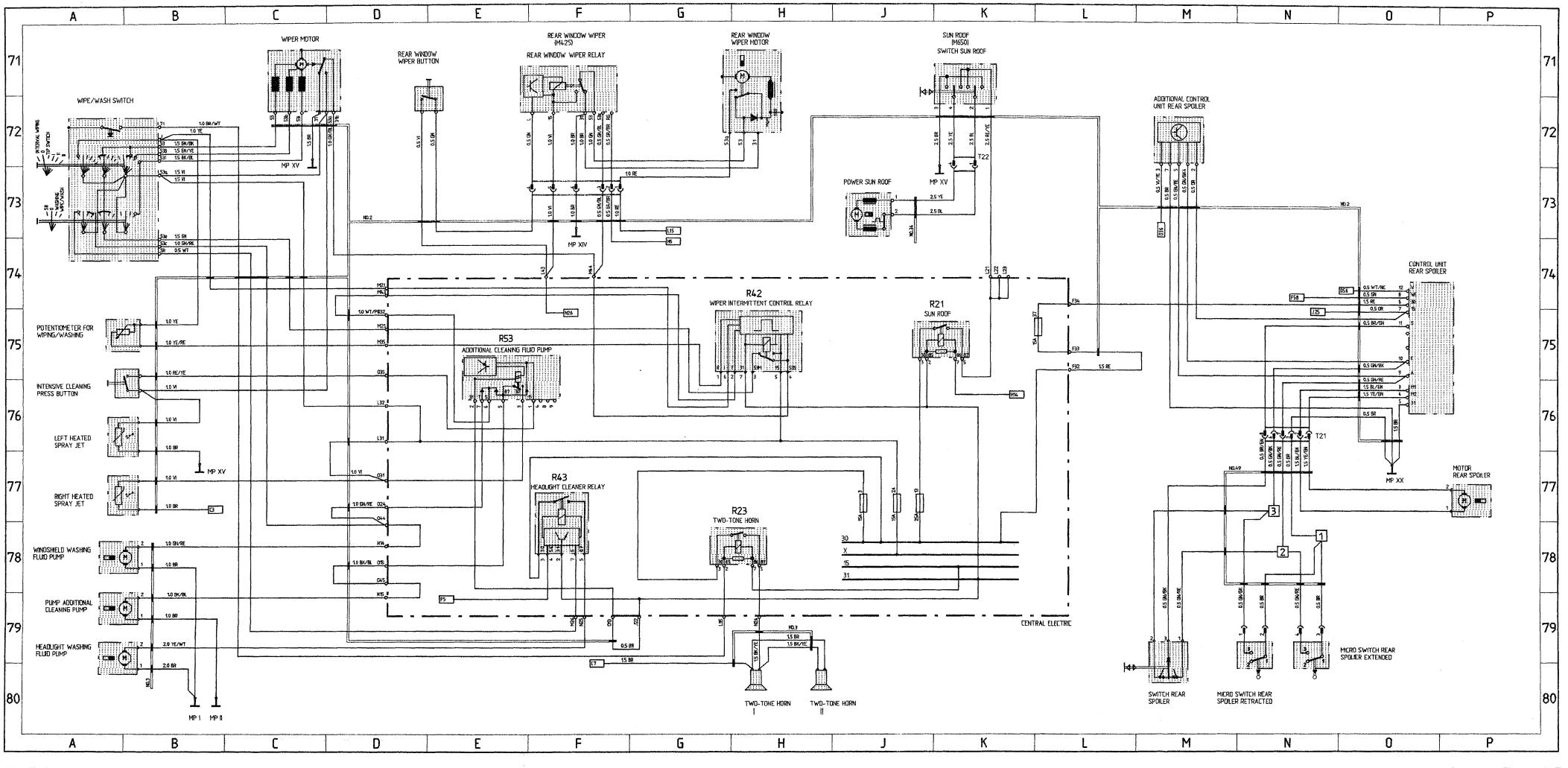


BK = BLACK



911 Carrera 4 Model 89 Sheet 8

REAR SPOILER, TWO-TONE HORNS, WIPE- AND WASH CLEANERS

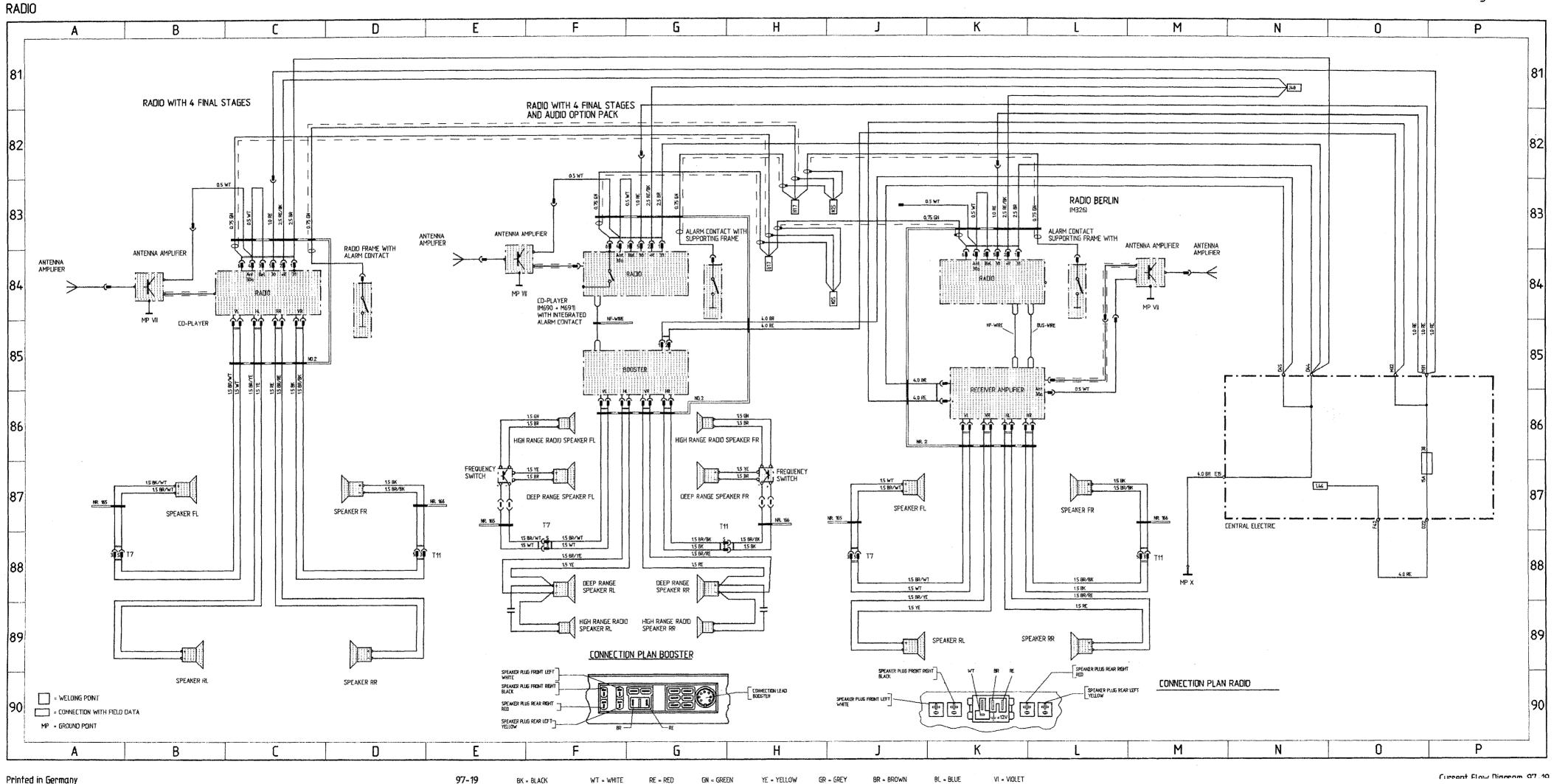


Wiring

97

······

911 Carrera 4 Model 89 Sheet 9

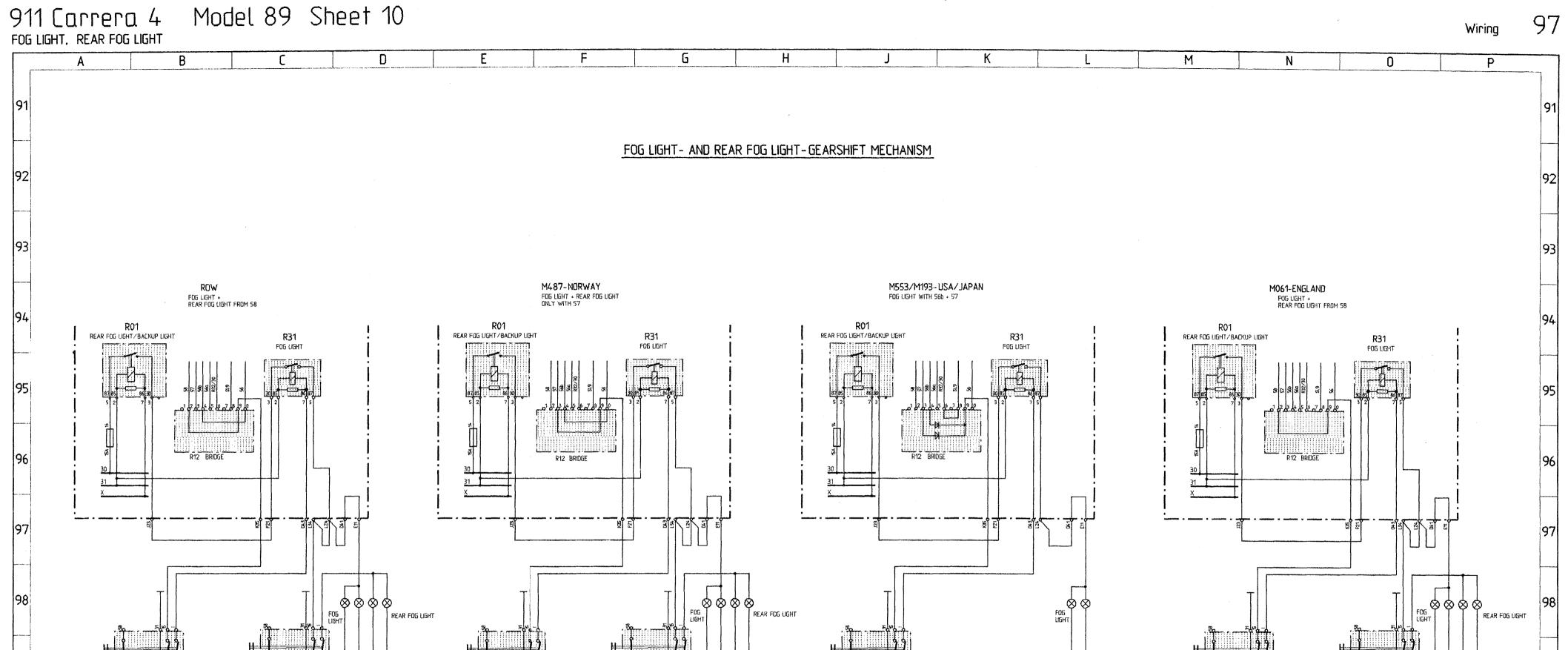


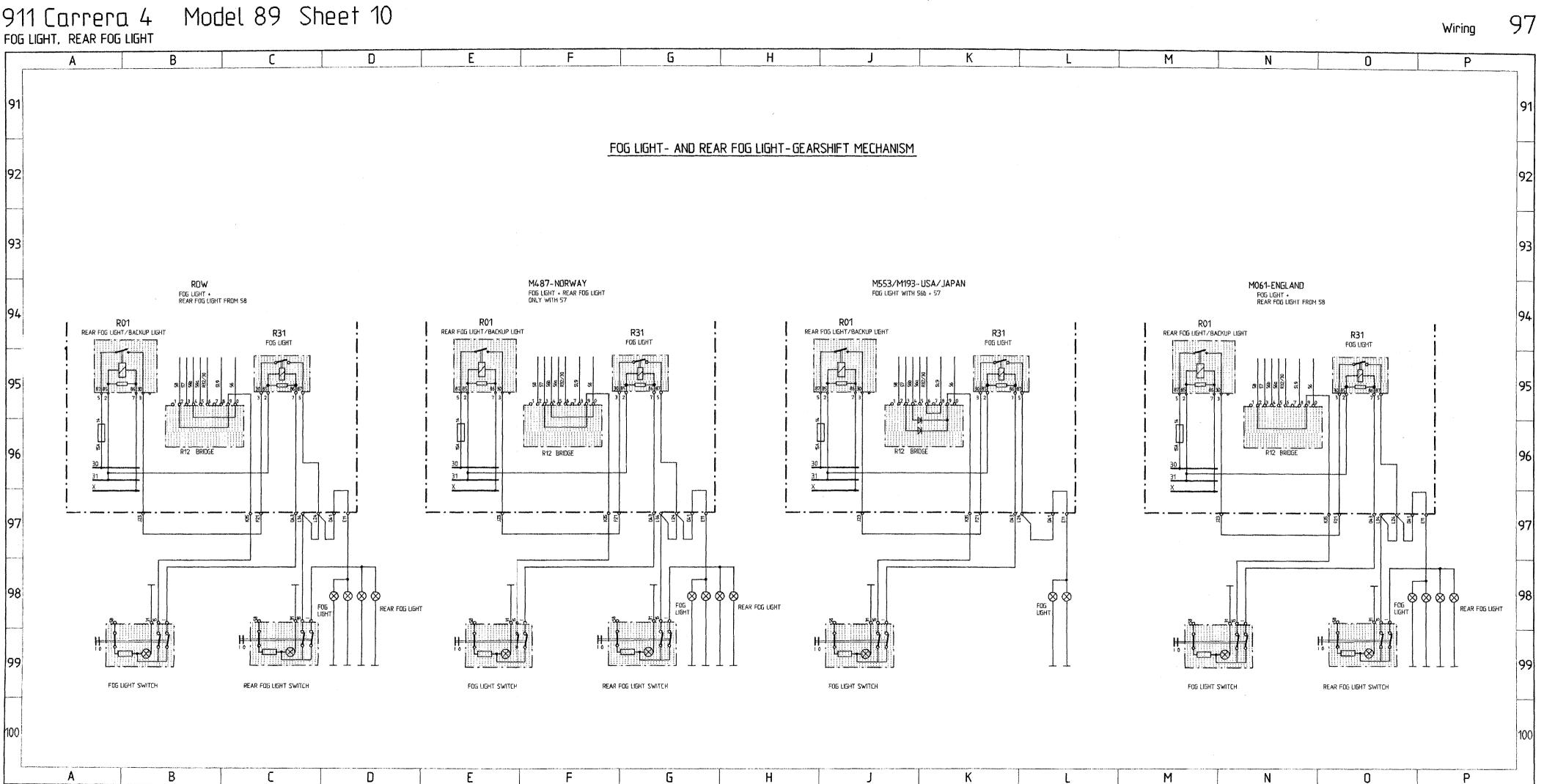
Printed in Germany

97-19

Wiring





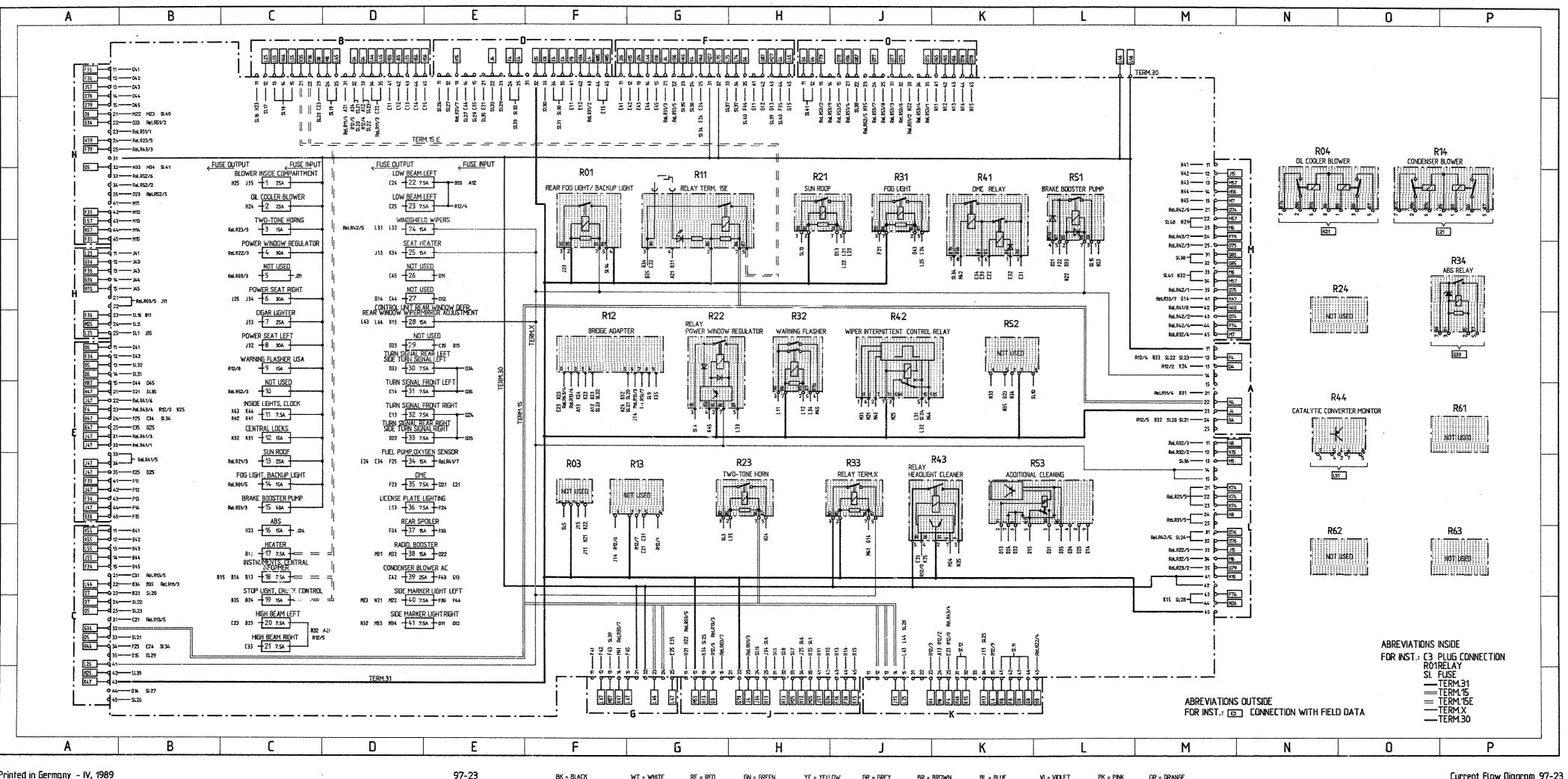


97-21

BK = BLACK

Ν 0

Model 89 Sheet 11 911 Carrera 4 CENTRAL ELECTRIC



Wirina

911 Carrera 4 Model 89 Sheet 12 CONSTRUCTION COMPONENTS

CONSTRUCTION COMPONENTS

DESIGNATION, FUNCTION	position in Vehicle	NOTE	Field in Wire Diagr/	
	LHD			
ABS RELAY	6cM	CENTRAL ELECTRIC	539/40	
ALARM HORN	3cl	- IN WHEEL HOUSING FRONT RIGHT	H19	
ANTENNA AMPLIFIER				
FLASHER	7dN	IN CENTRE CONSOLE	D1	
BOOSTER				
DIAGNOSIS PLUG SOCKET				
OME RELAY				
DME CONTROL UNIT				
SPEED SENDER				
THROTTLE VALVE SWITCH				
PRESSURE SENSOR				
PRESSURE WARNING SWITCH				
PRESSURE SWITCH AIR CONDITIONING SYSTEM				
RECEIVER FOR RADIO BERLIN	9eM	- UNDER THE SEAT RIGHT	K86	
TWO-TONE HORN				
TWO-TONE HORN				
FREQUENCY SWITCH FRONT LEFT				
FREQUENCY SWITCH FRONT RIGHT				
BLOWER FINAL STAGE				
BLOWER MOTOR RIGHT				
BLOWER MOTOR LEFT				
GONG RELAY				
HALL SENDER				
SWITCH REAR SPOLER	17cB		M79	
REAR WINDDW WIPER RELAY				
HYDRAULIC UNIT ABS				
PLISE SENDER				
MAP ALTERATION- SWITCH				
KNDEK SENSOR1				
KNOEK SENSOR2				
CONDENSER BLOWER				
FUEL PUMP				
LOCKING DIFFERENTIAL VALVES, LONGITUDINAL				
IDLE SPEED POSITIONER				
MICRO SWITCH REAR SPOLIER EXTENDED				
MICRO SWITCH REAR SPOLER RETRACTED				
MOTOR SUN ROOF	100F			
NTC HEATER FAN	44 cD		G30	
OIL PRESSURE SENDER				
OIL PRESSURE SWITCH				
OIL COOLER BLOWER				
OIL LEVEL GAGE				
OIL TEMPERATURE SENDER	4/ -1/		L/FS// SZ	
DIL TEMPERATURE SENDER BRAKE BOOSTER PUMP				
		IN LUGGAGE COMPARTMENT		

С

CONSTRUCTION COMPONENTS

G

F

DESIGNATION, FUNCTION	position in Vehicle	NDTE	Field in Wire dia
	LHD		
		CARRIER PLATE IN ENGINE COMPARTMENT	
RELAY CONDENSER BLOWER	6cM	CENTRAL ELECTRIC	L21
		CARRIER PLATE IN ENGINE COMPARTMENT	
		- CENTRAL ELECTRIC	
RELAY TWO-TONE HORN	6cM	CENTRAL ELECTRIC	G/H78
RELAY POWER WINDOW REGULATOR	6cM	- CENTRAL ELECTRIC	J13/14
RELAY BLOWER	16cP	- CARRIER PLATE IN ENGINE COMPARTMENT	J/K30
RELAY ADDITIONAL CLEANING FLUID PUMP	6cM	Central Electric	E75/76
RELAY EATALYZER	6cM	CENTRAL ELECTRIC	L/M51
RELAY TERM.X	6cM	CENTRAL ELECTRIC	K44
		CENTRAL ELECTRIC	
RELAY BRAKE BODSTER PUMP	6cM	CENTRAL ELECTRIC	H34/35
		CENTRAL ELECTRIC	
		ON GEAREOX RIGHT	
		- ON WINDSHIELD WASHER TANKIN WHEEL HOUSING FRONT LEFT-	
		- ON WINDSHIELD WASHER TANKIN WHEEL HOUSING FRONT LEFT-	
		CENTRAL ELECTRIC	
		- IN LUGGAGE COMPARTMENT	
		- IN LUGGAGE COMPARTMENT	
		- IN LUGGAGE COMPARTMENT LEFT	
		- UNDER THE SEAT RIGHT	
		- ON INTRUMENT PANEL	
		UNDER THE SEAT RIGHT	
		- UNDER THE INSTRUMENT PANEL	
		- ON IGNITION LOCK	
		- IN FUEL TANK	
		- ON ENGINE LEFT	
		- UNDER THE SEAT LEFT	
		- ENGINE COMPARTMENT	
		- IN WHEEL KOUSING FRONT LEFT	
RESISTUR LUNUENSER BLUWER	24	IN WHEEL HOUSING FRONT RIGHT	- 192.1 MO4
		IN INTRUMENT PANEL	
		CENTRAL ELECTRIC	
		IN LUGGAGE COMPARTMENT	
	6CM	IN LUDUALE (UMPAR (NEN)	
	0CP	On steering columnert	- 1°20 K/1
		- ENGINE COMPARTMENT LEFT	
ignition colui	15cQ	Engine Compartment Left	- 141

Н

Α

В

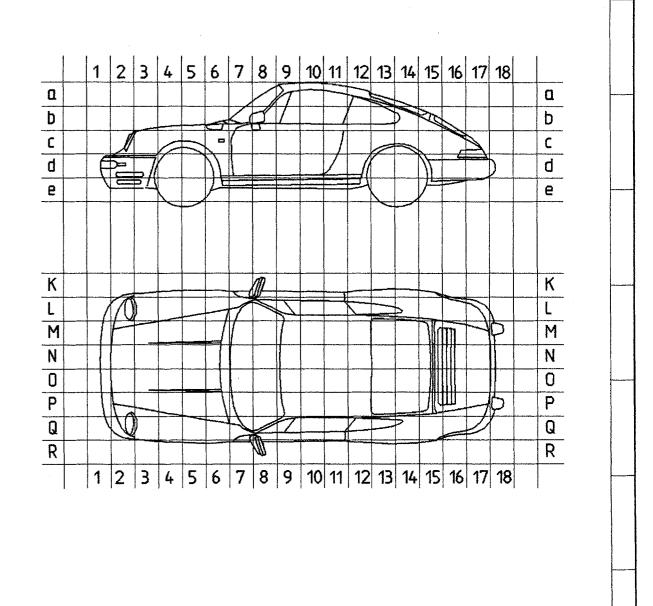
Ε

D

Wiring

97

field in Wire Diagram



911 Carrera 4 Model 89 Sheet 13 PLUG CONNECTIONS AND GROUND POINTS

A B C D E F G H .

PLUG CONNECTIONS

M - NUMBERS

CODE	Number (of Pins Designation, Function	position in vehicle Lho	NOTE	FIELD
T1	6		6cP	ON STEERING COLUMN LEFT	L48
T2	10	ABS	6CL	IN LUGGAGE COMPARTMENT RIGHT	[36/37
TS	14	HEATER, AIR CONDITIONER	6CM	UNDER THE INSTRUMENT PANEL RIGHT	625/26
T7	14	DODR DRIVER'S SIDE	6CQ	UNDER THE INSTRUMENT PANEL LEFT	N17,A88,F88,J88
T8	10	DOOR DRIVER'S SIDE	650	UNDER THE INSTRUMENT PANEL LEFT	C16,E/F17,L17
T11	12	DOOR PASSENGER'S SIDE	6cl	UNDER THE INSTRUMENT PANEL RIGHT	E14,M/N14,D88,H88,M68
T12	10		6cl	UNDER THE INSTRUMENT PANEL RIGHT	C14,L/M14
T15	6	OME	9eP	UNDER THE SEAT LEFT	L43/854
T16	14	OME	9eP	UNDER THE SEAT LEFT	F45/46,058
T 18	2	LICENSE PLATE LIGHTS	17dL	TAIL LIGHTS RIGHT	04
T19	2	OK LEVEL GAGE	15cM	ENGINE COMPARTMENT RIGHT	E52
T21	10	TAILGATE	15ci	Engine compartment right	M/N9,N76
T22	4	Inside Lights, sun Roof	1SbM	BELOW THE PARCEL TRAY	К9,К72
T24	2		7bQ	IN LUGGAGE AT THE LONGITUDINAL SUPPORT LEFT	D/E9
T25	2		7bL	IN LUGGAGE AT THE LONGITUDINAL SUPPORT RIGHT	C2
T27 —	<u> </u>		7bL	IN LUGGAGE AT THE LONGITUDINAL SUPPORT RIGHT	E/D9
T30	14	NO. 16 MOTOR	16cP	CARRIER PLATE IN ENGINE COMPARTMENT	N/03,J27/28,048/49,B55-58
T31	12	MOTOR, DME	16cP	CARRIER PLATE IN ENGINE COMPARTMENT	D/E47,854
Т34 ——	14		6cM	IN LUGGAGE COMPARTMENT RIGHT	623/24
T36	6	REAR WINDOW	15bM	BELOW THE PARCEL TRAY	09,028
T38	7		3cl	IN WHEEL HOUSING FRONT RIGHT	[5/6
T39	5	NO.4, FRONT LIGHTS	3cl	In wheel housing front right	[6/7
T40	1	ALARM SYSTEM INDICATOR	7bi	IN LUGGAGE COMPARTMENT	K17

M 193	JAPAN VERSION
M 326	RADIO BERLIN
M 340	ADJUSTABLE SEAT HEATING SEA
M 383	SPORT SEAT LEFT HEIGHT ELECT
M 387	SPORT SEAT RIGHT HEIGHT ELECT
M 425	Rear window wiper
M 437	COMFORT SEAT LEFT
M 438	COMFORT SEAT RIGHT
M 454	CRUISE CONTROL
M 513	LUMBAR SUPPORT SEAT RIGHT
M 553	USA - CANADA VERSION
M 573	RELAY CONDENSER BLOWER
M 576	WITHOUT REAR FOG LIGHT
M 586	LUMBAR SUPPORT SEAT LEFT
M 602	HIGH MOUNTED STOP LIGHT
M 650	SUN RODF

GROUND POINTS

В

CODE	NOTE	position in vehicle
MP 1	LUGGAGE COMPARTMENT, WHEEL HOUSING LEFT	2cP
MP II	LUGGAGE COMPARTMENT, WHEEL HOUSING RIGHT	2cM
MP III	ON FIREWALL	
MP IV	GROUND OF POWER EONSUMERS UNDER THE SEAT LEFT	11eP
MP V	Electronic under the seat left	10eP
MP VI	Central Electric on Longitudinal Support Right	6bL
MP VI	ANTENNA AMPLIFIER ON LONGITUDINAL SUPPORT RIGHT	7bL
MP VII	INSIDE LIGHTS CONVERTIBLE ROOF, CENTER, FRONT	9aN
MP IX	INSIDE LIGHTS ROOF RIGHT	11aL
MP IX	INSIDE LIGHTS ROOF LEFT	11aP
MP X	BATTERY LUGGAGE COMPARTMENT LEFT	3eP
MP XI	GROUND STRAP STARTER TRANSMISSION MOTOR BODY	14cM
MP XI	ENGINE COMPARTMENT REAR LEFT	15cQ
MP XII	MOTOR LEFT	15c0
MP XIV	ENGINE COMPARTM. REAR RIGHT	15cL
MP XV	INSTRUMENT LONGITUDINAL SUPPORT LEFT	7bQ
MP XVI	Combination lead rear left	13dP
MP XVI	Combination lead rear right	12dM
MP XVIII	Combination lead front right	4cM
MP XIX	Combination lead front left	4cP
MP XX	SEAT CROSS MEMBER UNDER THE SEAT RIGHT	8eL

٢

Α

Ε

F

G

Н

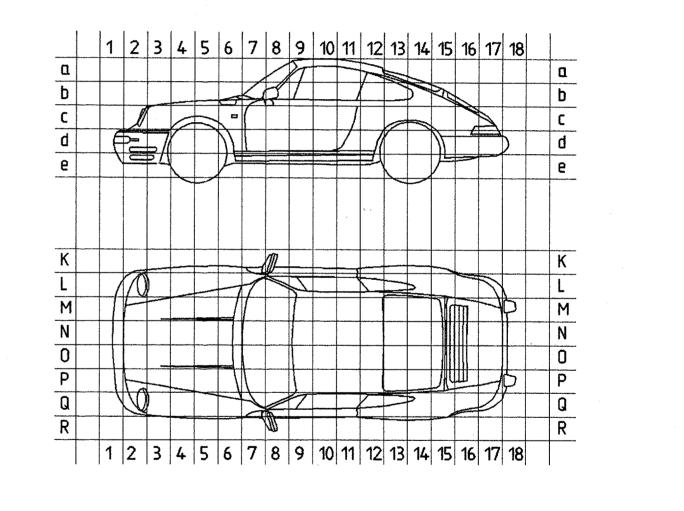
J

D

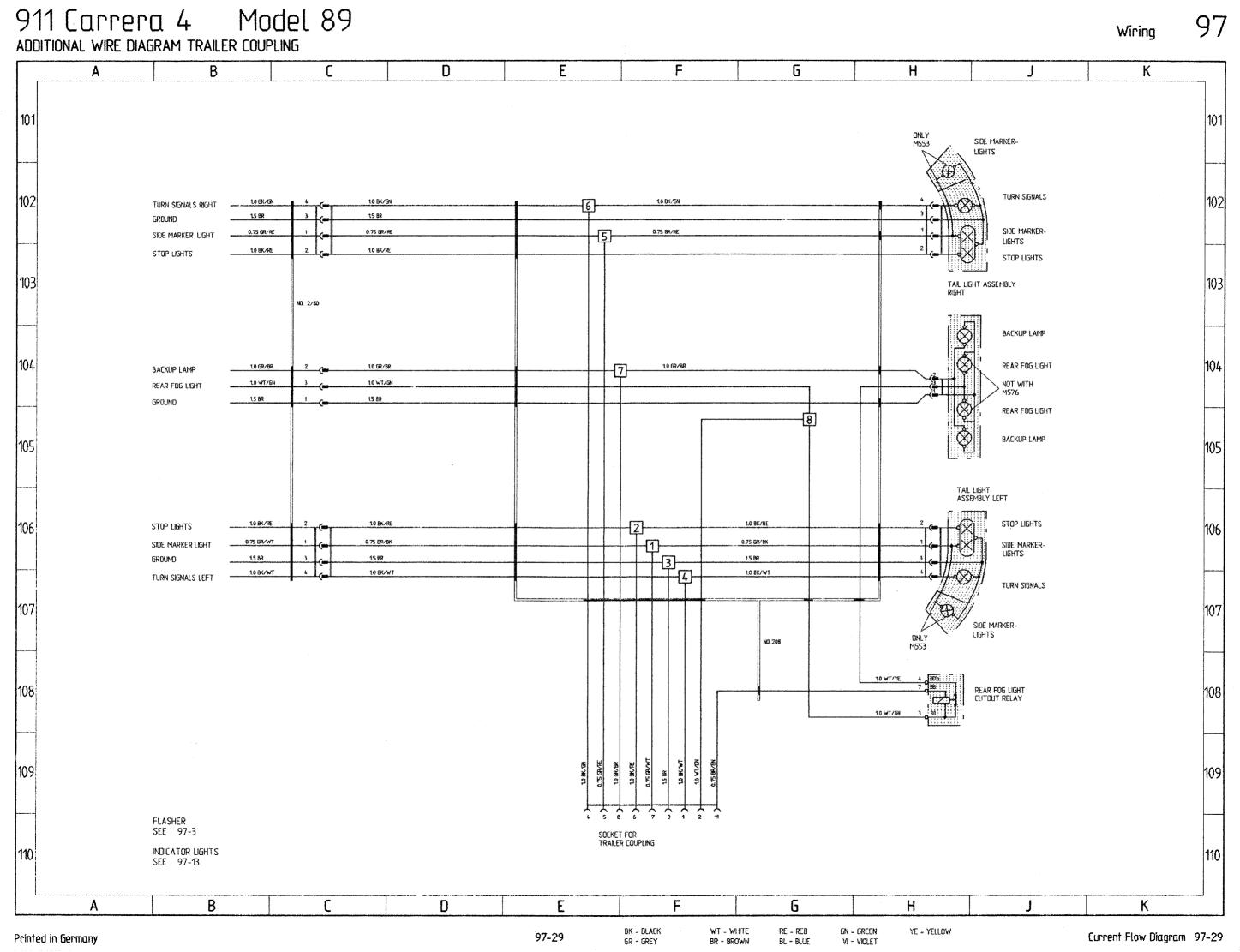
J	K	· L	M	N	0	Р
<u> </u>			L andra and a second se	· · · · · · · · · · · · · · · · · · ·		

M 139 ADJUSTABLE SEAT HEATING SEAT LEFT

eat Right Ectr. Adjustable Ectr. Adjustable



К	L	М	N	0	Р
			ومتعمية ستجمعها فنقد بمحد ويوافعه معتماني والمتعامل والمتحاد والمتحاد والمحافي والمحافي		



Modifications in wiring diagram 911 Carrera 4 model 89

Sheet 3, K/L 28

The fuse for the engine compartment heating fan has been changed from 25 A to 30 A. Please exchange sheet 11.

Please modify the wiring diagram accordingly.

Wiring Diagram Type 911 Carrera 2 and 4 Model 90

The wiring diagram consists of 15 individual wiring diagrams, 1 sheet construction components and 1 sheet plug connections and ground points. These are divided into coordinate fields.

Each individual wiring diagram contains a part of the central-electrics box in a dashdotted frame.

This part of the central-electrics box shows all the lines and relays necessary for the individual wiring diagram.

The earth/ground points are identified by "MP" and their location is shown in a vehicle diagram.

The 10-pin connectors on the central-electrics box are clipped together out of 3 parts, the 20-pin connectors are clipped together out of 5 parts.

Part 1, with the moduled-on fastening lug, is the "starting element".

Parts 2,3 and 4 are "module elements".

The 10-pin connectors only contents one "module element".

Start- and module elements are identified by the numbers 1.....5.

Part 5 ist a "coding element".

The designations of the plug connections in the wiring diagram refer to the "starting element" from, for example, B 11......15, and to the first module element from B 21.....25.

Wiring

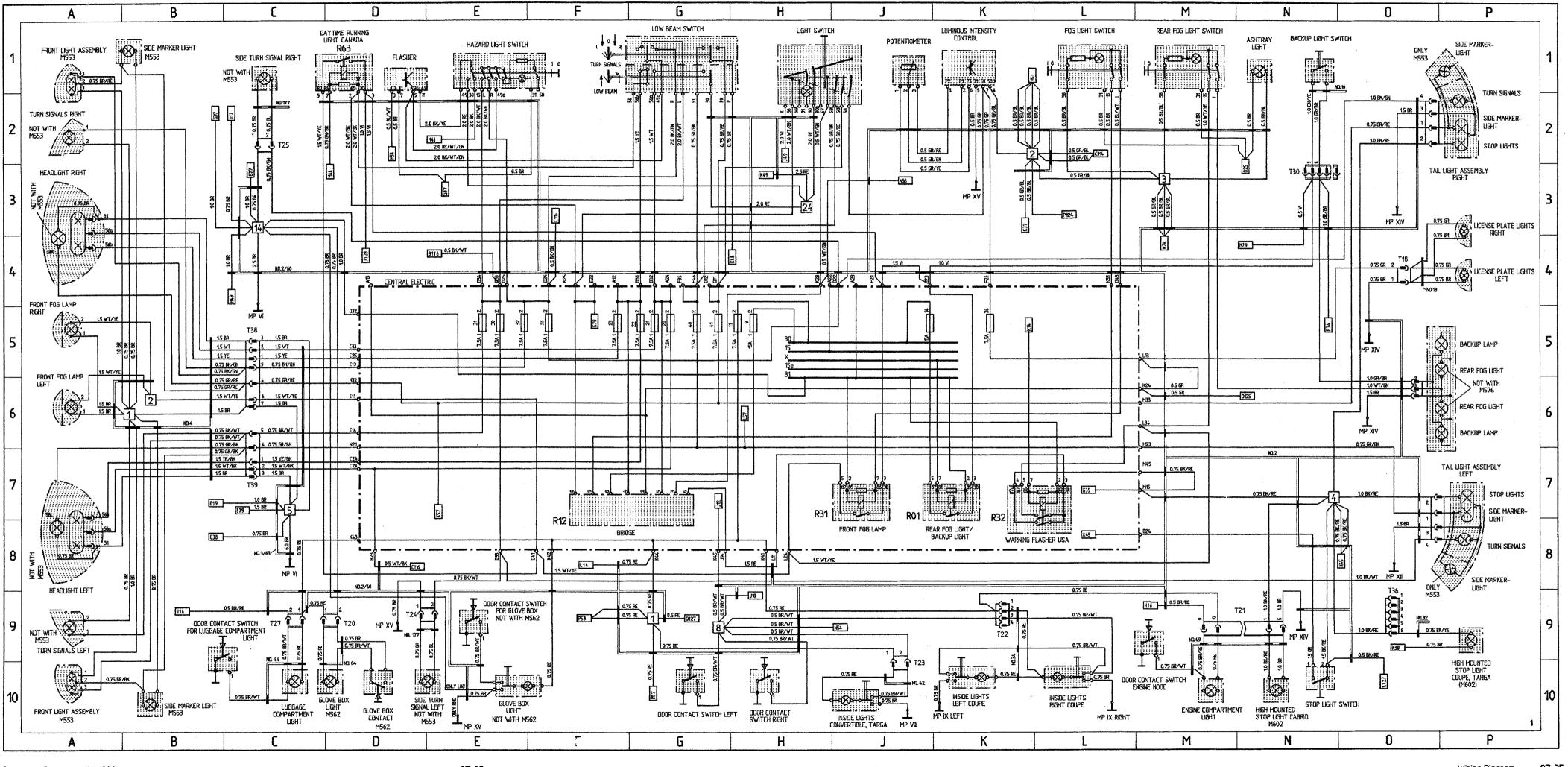
97

Wiring Diagram Type 911Carrera 2 and 4 Model 90

Coordinates

Sheet	1	1 - 10	Lights
Sheet	2	11 - 20	Alarm System, Central Locks, Mirror, Power Window Regulator
Sheet	3	21 - 30	Heater, AC, Coolant Fan, Rear Window Defogger
Sheet	4	31 - 40	ABS, Porsche Dynamic AWD Control (Carrera 4)
Sheet	4a	31 - 40	ABS (Carrera 2)
Sheet	5	41 - 50	Motor, Ignition, Cruise Control
Sheet	6	51 - 60	Instruments, Sender, Central Informer
Sheet	7	61 - 70	Seats
Sheet	8	71 - 80	Rear Spoiler, Two-Tone Horns, Wipe- and Wash Cleaners, Sun Roof, Convertible Top
Sheet	9	81 - 90	Radio
Sheet	10	91 - 100	Fog Light, Rear Fog Light
Sheet	11		Central Electric
Sheet	12		Construction Components
Sheet	13		Plug Connections, Ground Points, M-Numbers
Sheet	14	101 - 110	Trailer Coupling
Sheet	15	111 - 120	Rev-meter, On-board computer, Airbag
Sheet	16	121 - 130	Tiptronic (Carrera 2)

911 Carrera 2/4 Model 90 Sheet 1



N YE = YELLOW

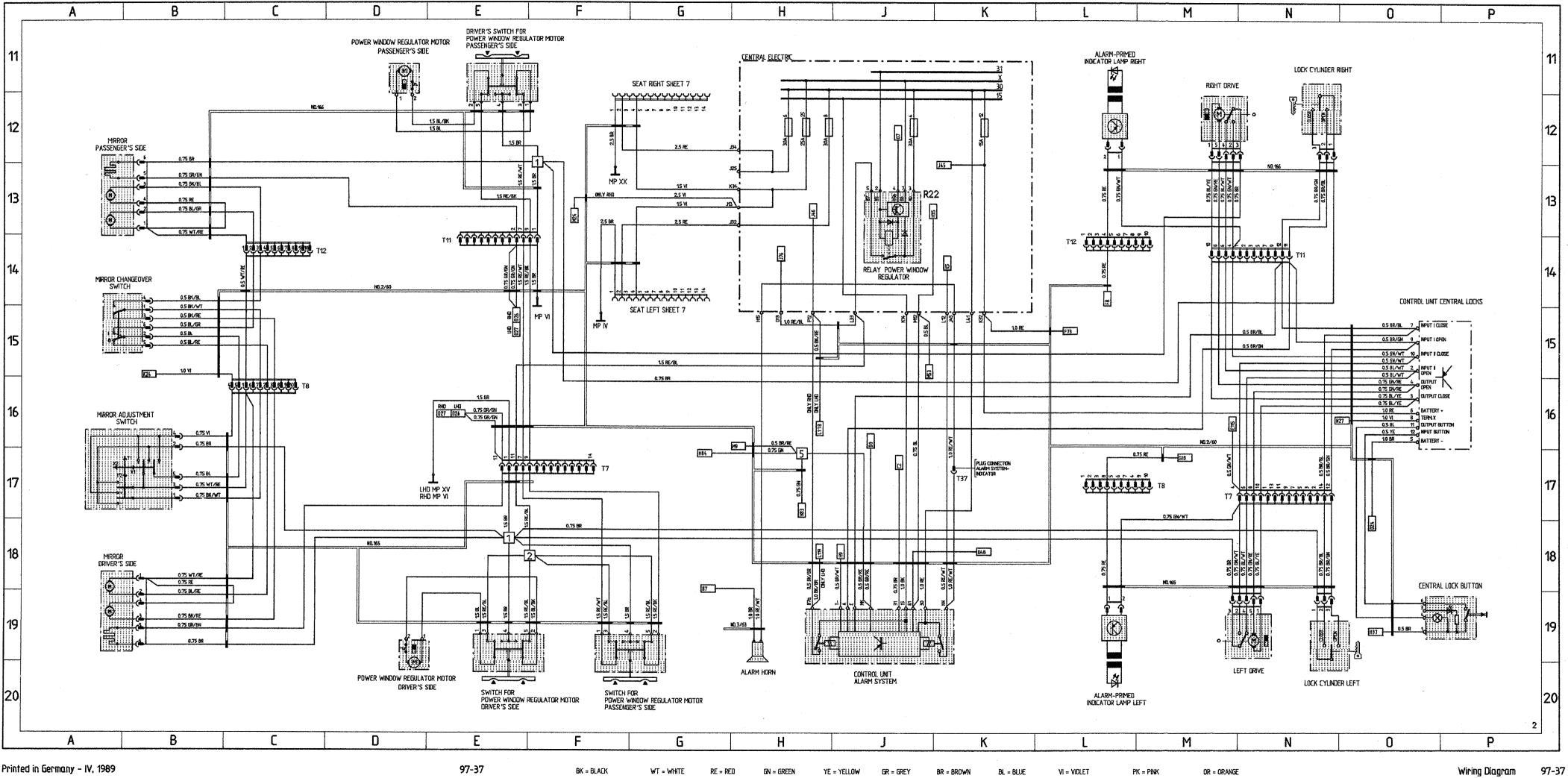
Wiring

97

GR = ORANG

Model 90 Sheet 2 911 Carrera 2/4

SEATS, ALARM SYSTEM, CENTRAL LOCKS, MIRROR, POWER WINDOW REGULATOR



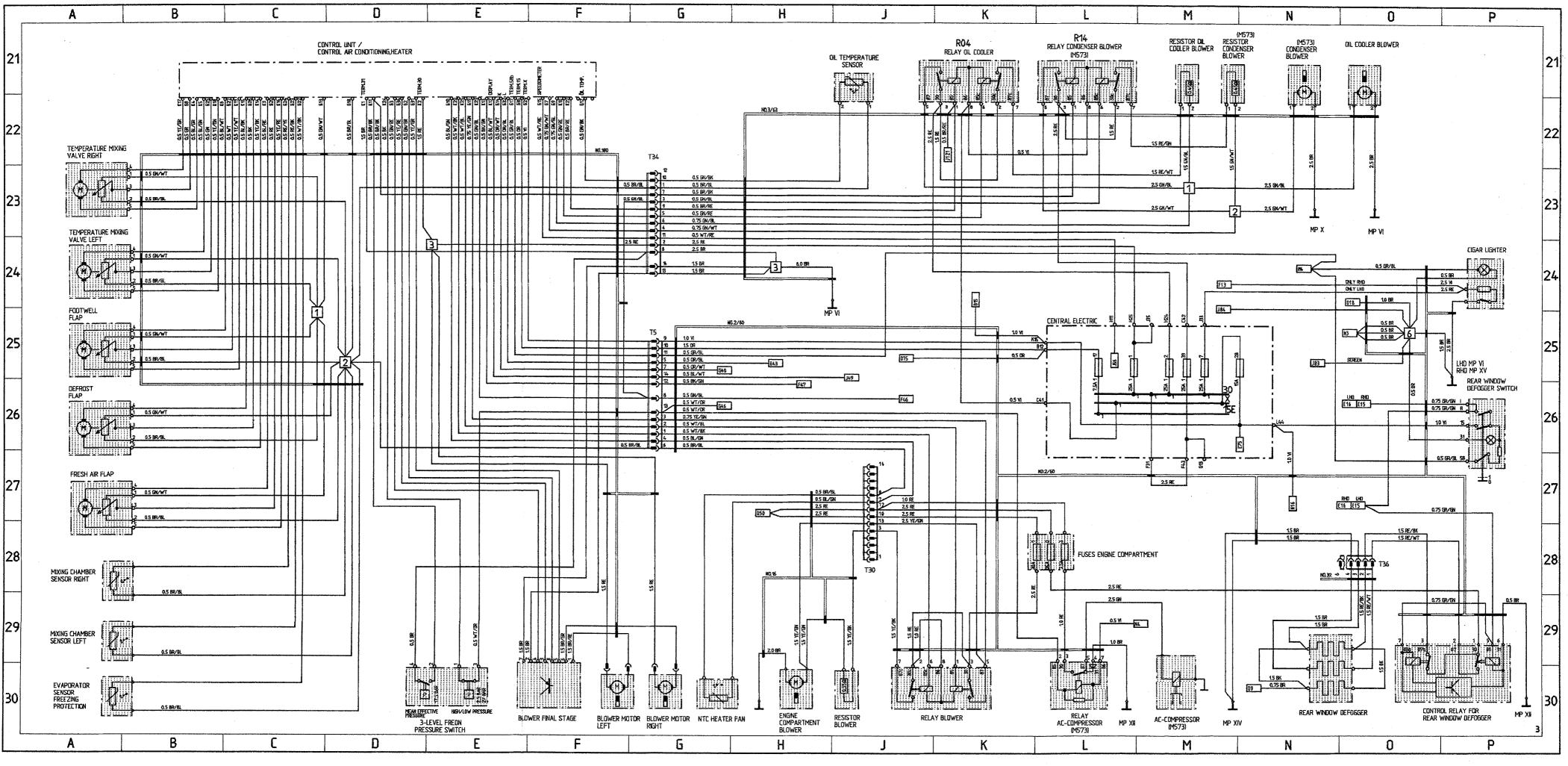
BK = BLACK

OR = ORANGE

VI = VIOLET

PK = PIN

911 Carrera 2/4 Model 90 Sheet 3 HEATER.AC

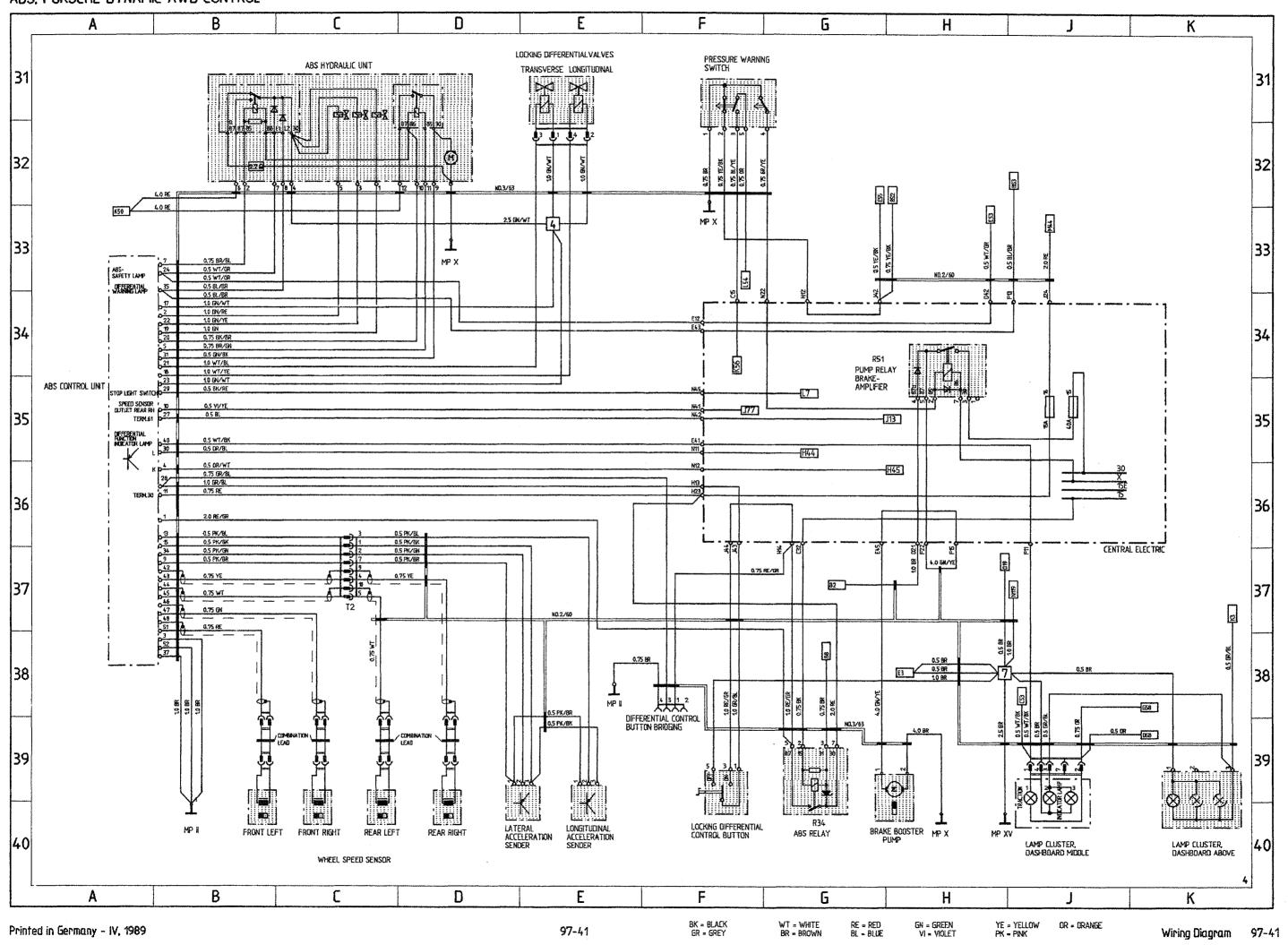


BK = BLACK

YE = YELLOW GR :

Wiring

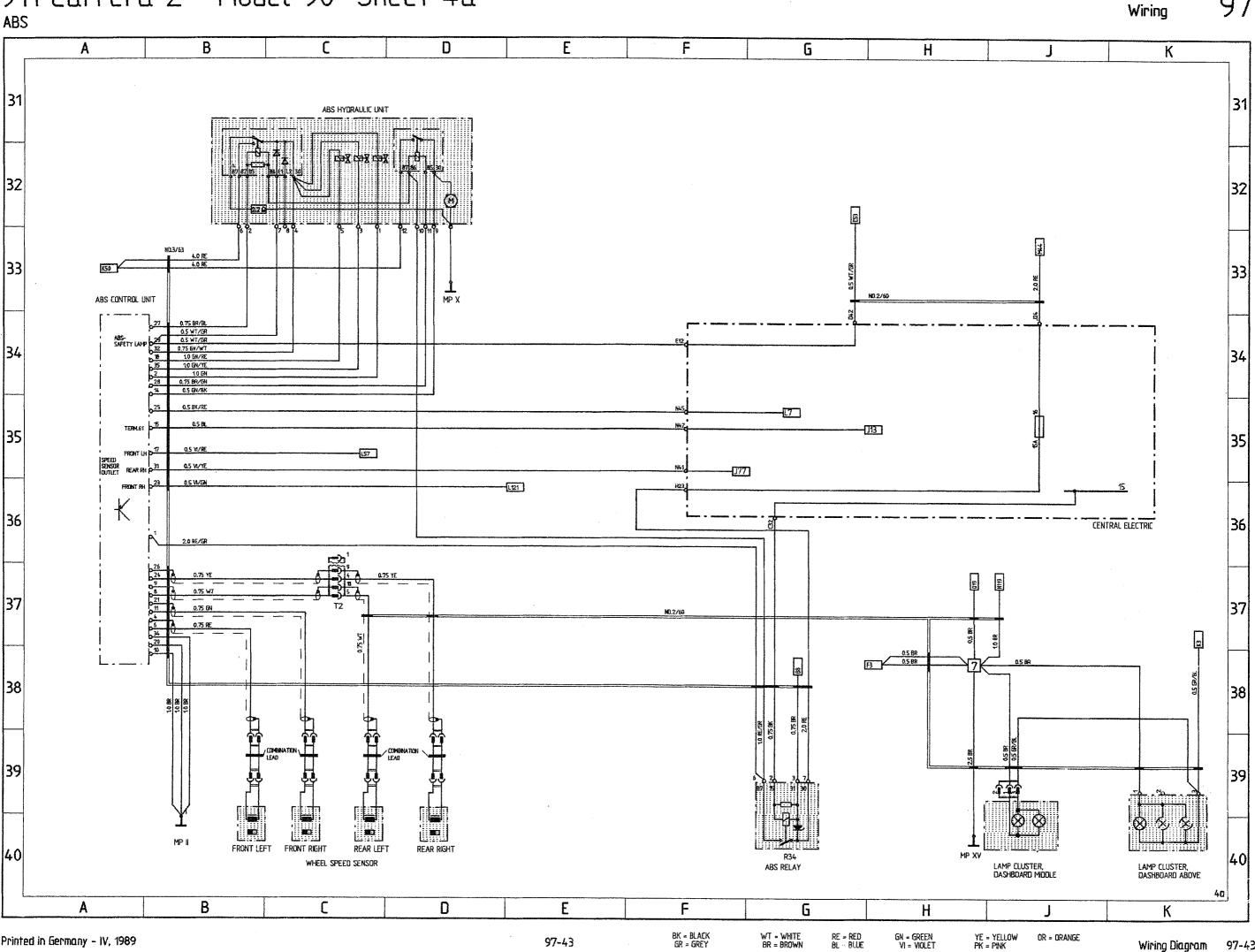
911 Carrera 4 Model 90 Sheet 4 ABS, PORSCHE DYNAMIC AWD CONTROL



97

Wiring

911 Carrera 2 Model 90 Sheet 4a ABS



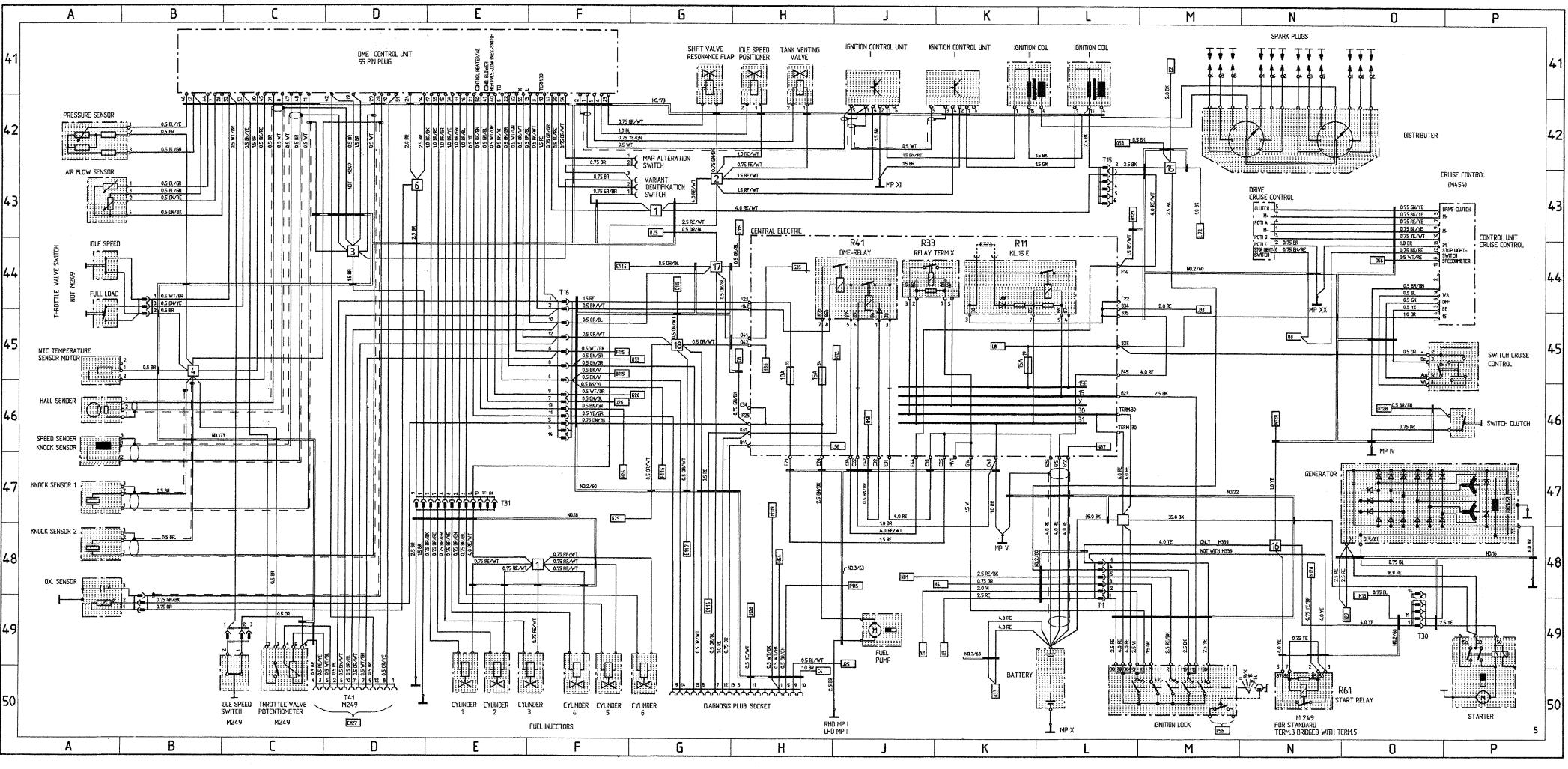
97-43

Printed in Germany - IV, 1989

Wiring Diagram 97-43

911 Carrera 2/4 Model 90 Sheet 5

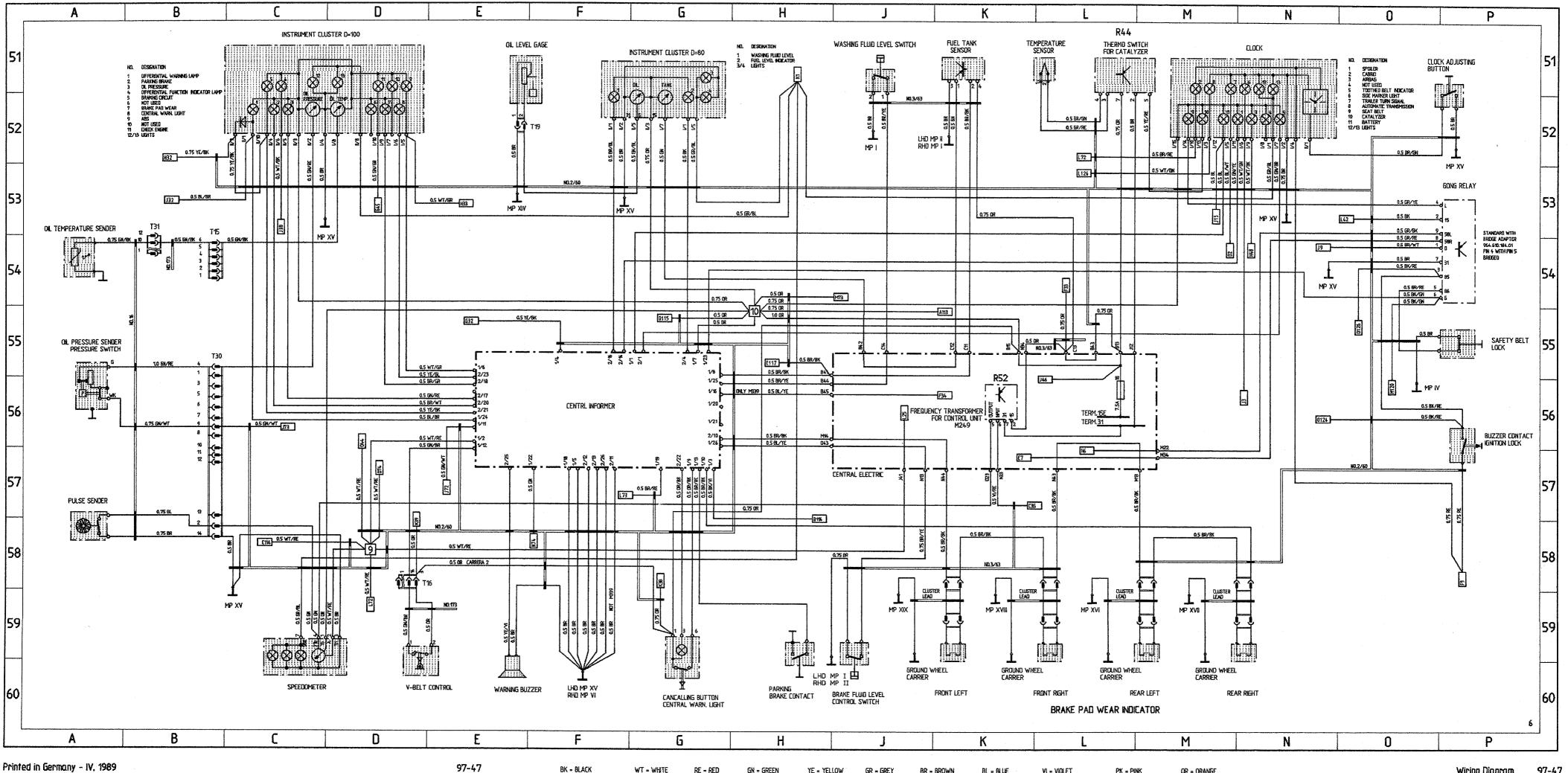
MOTOR, FUEL. IGNITION, CRUISE CONTROL



BK = BLACK

Wiring

911 Carrera 2/4 Model 90 Sheet 6 INSTRUMENTS AND SENDER



Printed in Germany - IV, 1989

97-47

Wiring

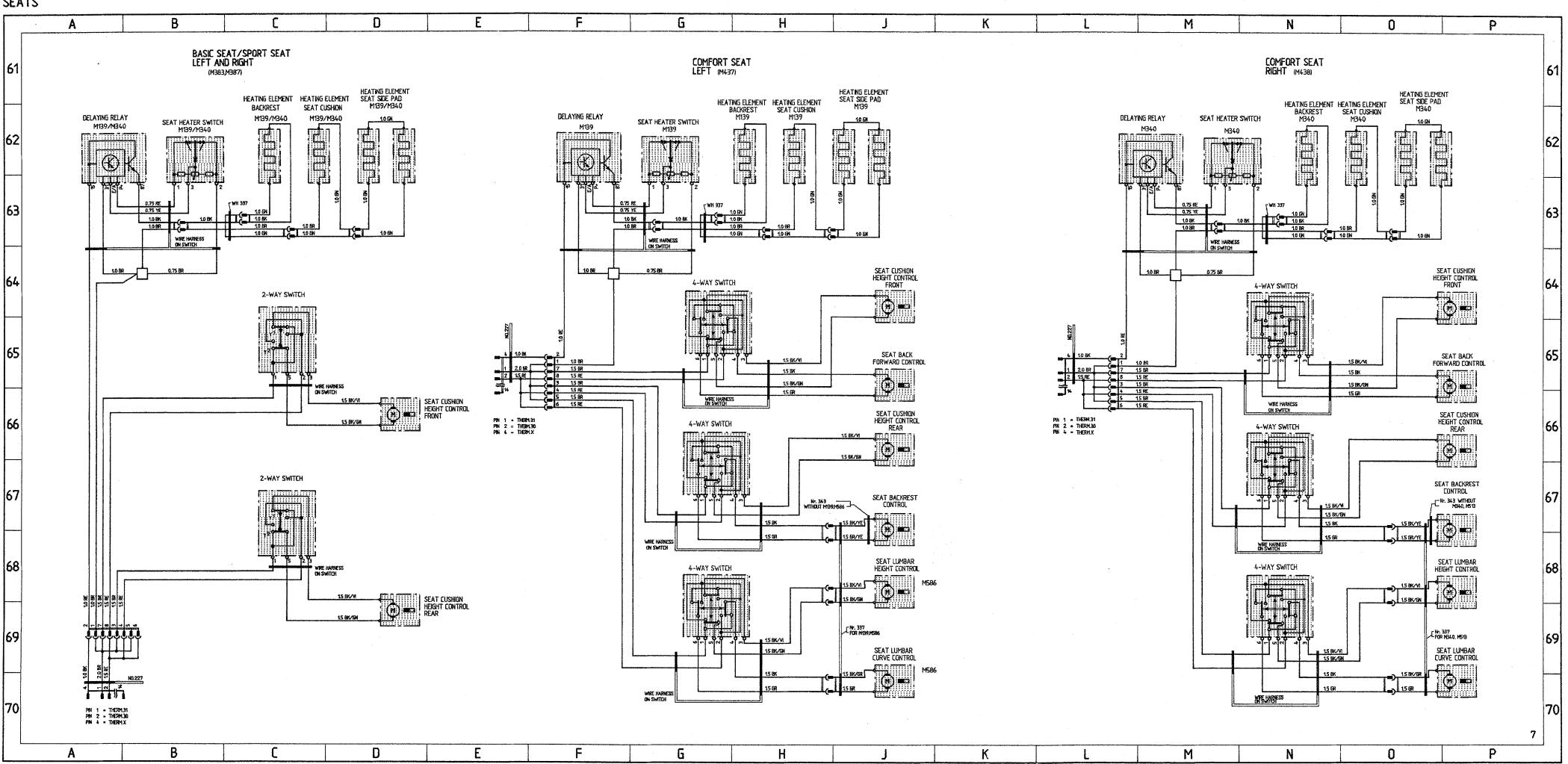
97

or = orange

VI = VIOLET

PK = PIN

911 Carrera 2/4 Model 90 Sheet 7 SEATS



BK = BLAEK

Wiring

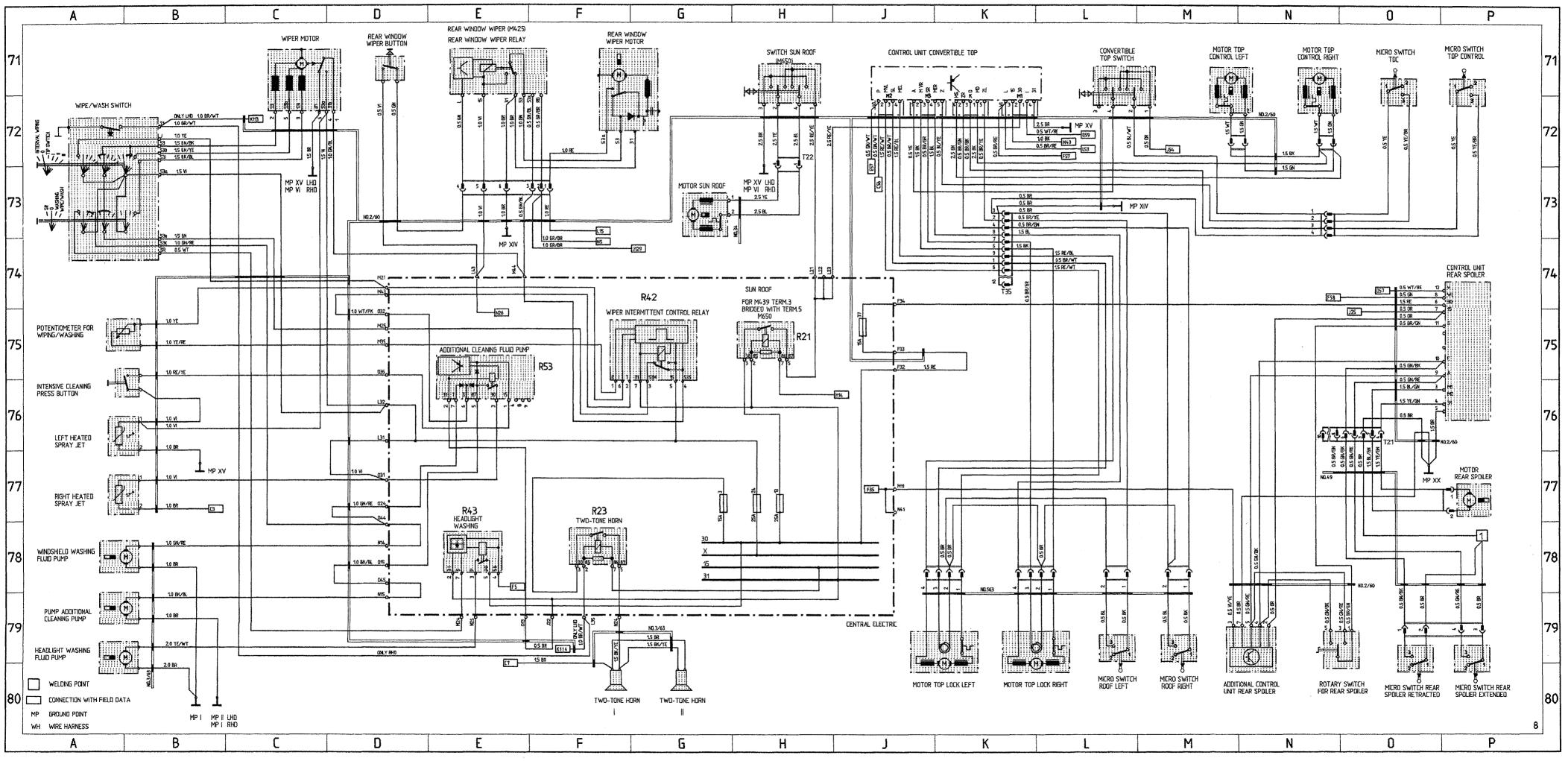
97

BL = BLUE

VIOLET PK = PIN

911 Carrera 2/4 Model 90 Sheet 8

REAR SPOILER, TWO-TONE HORNS, WIPE- AND WASH CLEANERS, SUN ROOF, CONVERTIBLE TOP



BK = BLACK

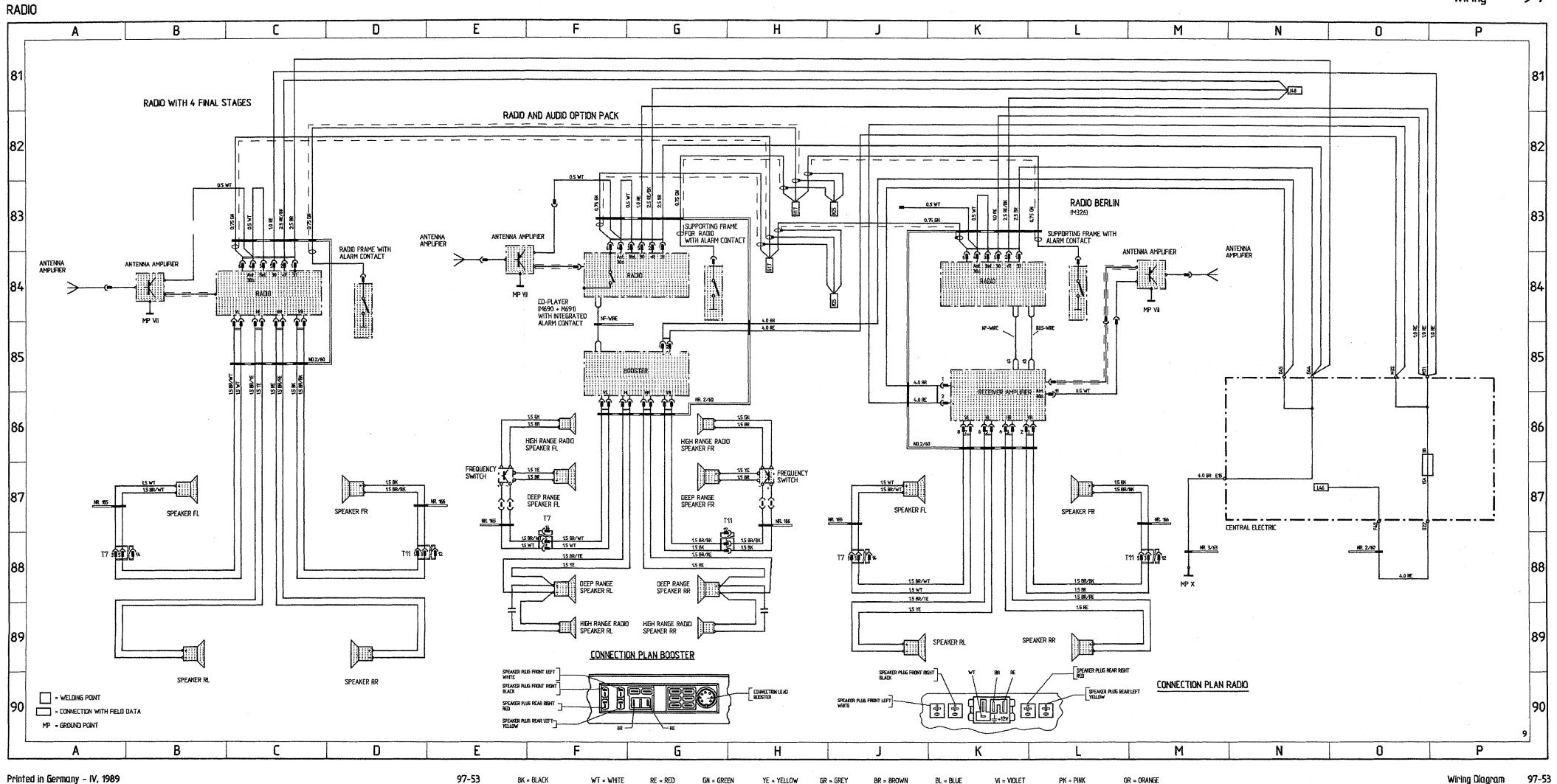
Wiring

97

Wining Diagram 97-51

BR = BROWN

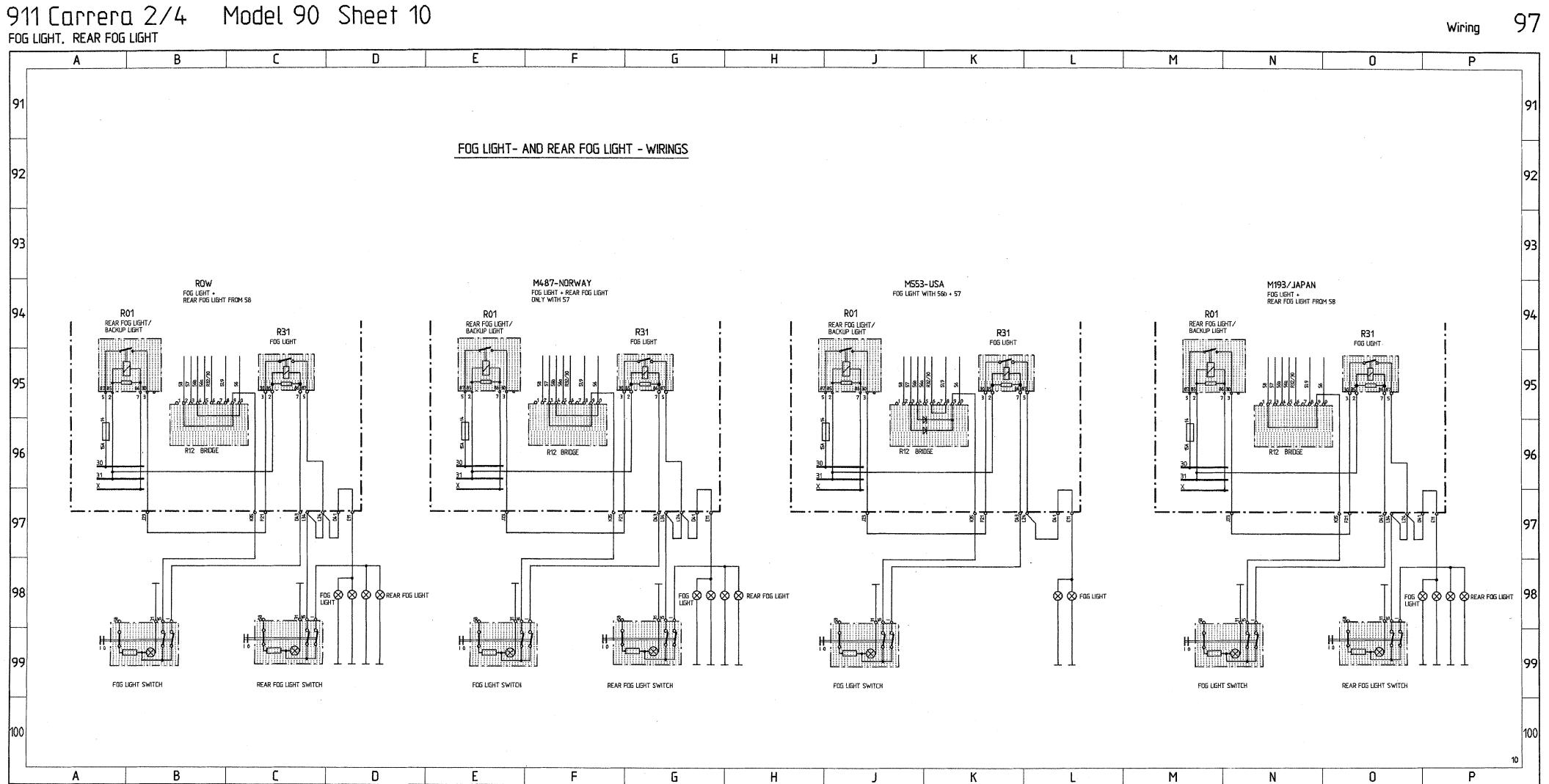
911 Carrera 2/4 Model 90 Sheet 9



97-53

Wirina

97



97-55

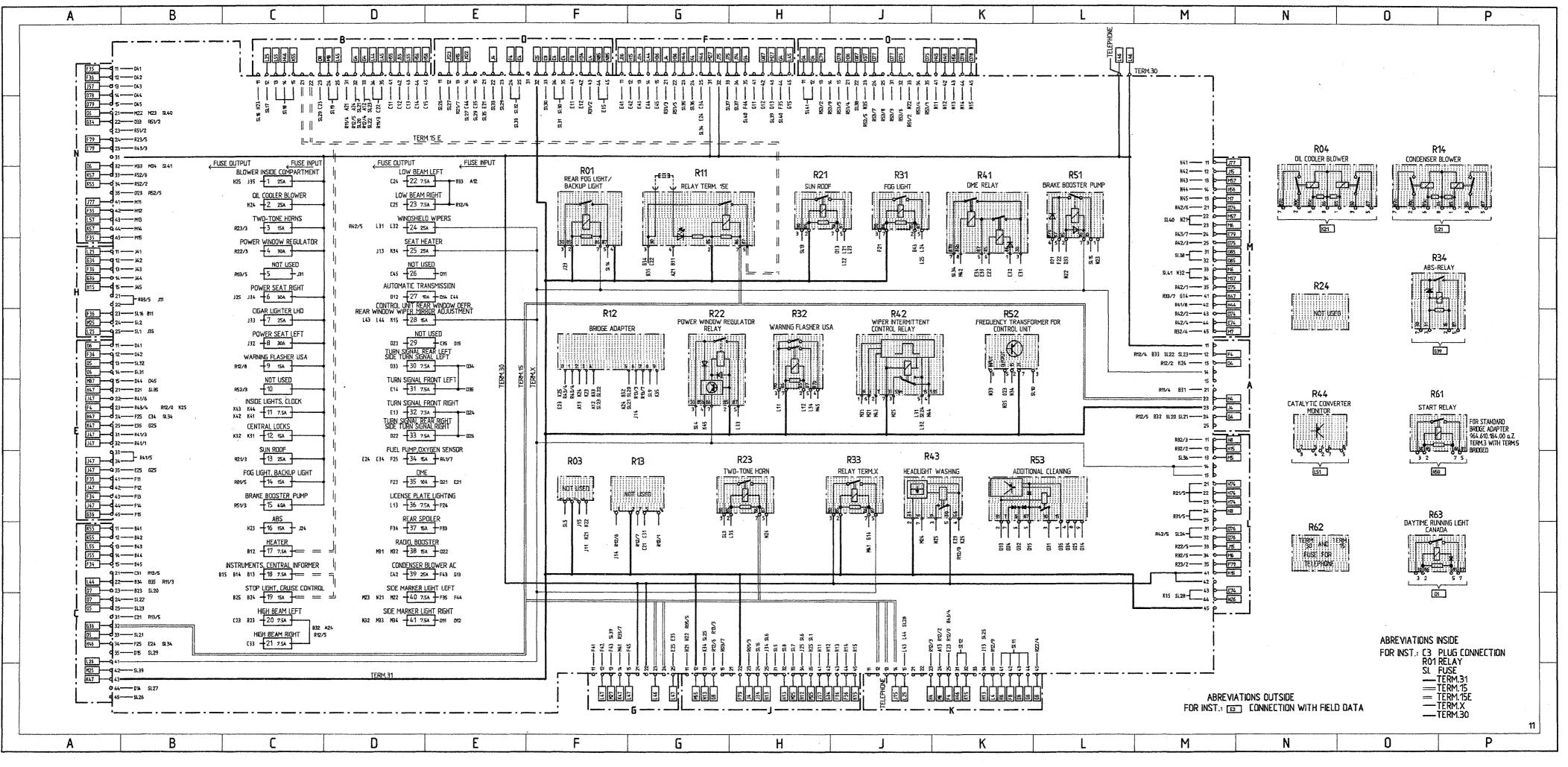
BK = BLACK

WT = WHITE

Wiring

PK = PINK OR = DRANGE VI = VIOLET BL = BLUE

911 Carrera 2/4 Model 90 Sheet 11



BK = BLACK

Wiring

97

grey br = brown bl = blue vi = violet pk = pink or = orange

911 Carrera 2/4 Model 90 Sheet 12

A B	С	D	<u>E</u>	F	<u> </u>	` کر	H		J	<u> </u>		L		M		<u> </u>		U		<u> </u>
DINSTRUCTION COMPONENTS SIGNATION, FUNCTION	Position an Vehicle Note LHD RHD		FELD IN WIRING DIAGRAMM		TRUCTION COMPON	MENTS	pdsition in Vehicle LHD RHD	NOTE			FELD IN WIRING DIAGRAMM	MM								-
RELAY	6CM CENTRAL ELECT		G39/40			R INSTRUMENT						•								
ARM HORN		Using Front Right	H19			r dil Codler Blower														
TENNA AMPLIFIER	7bl IN LUGGAGE CO'	JMPARTMENT	884,E84,M84	+																
TERIOR TEMPERATURE TRANSMITTER																				
ASHER						DER ABS														
Joster						JER AUTOMATIC TRANSMISSION														
TOP LIGHT SWITCH						W DEFUGGER														
ME RELAY						•														
INE CONTROL UNIT																				
PEED SENDER		EFT	A47	RELAY T	IWD-TONE HORN		6cM 6cM -	CENTRAL ELF	LECTRIC		F78									
THROTTLE VALVE POTENTIQMETER		. VALVE ASSEMBLY	[50			LATOR														
AUTOMATIC TRANSMISSION THROTTLE VALVE SWITCH, TRANSMISSION		C VALVE & CCEMBEV	AL4745			**ER														
PRESSURE SENSOR						PARTM														
PRESSURE SENSUR PRESSURE WARNING SWITCH						TRANSMISSION														
PRESSURE WARNING SWITCH	6b0 IN LUGGAGE C'	OMPARTMENT	E30			Fluid PUMP														
RECEIVER FOR RADID BERLIN						YZER														
TWO-TONE HORN I																				
TWO-TONE HORN II						Kup ((6HT														
FREQUENCY SWITCH FRONT LEFT-						KUP [16H]							I J			* 1 1 1		1 1 1	1 1 1	I
FREQUENCY SWITCH FRONT RIGHT						**************************************							1	1 2 3 1	4 5 6	7 8 9 10	0 11 12 1 ²	× 14 15 1F	6 17 18	
CRASH SENSOR RIGHT						ρ												+ ••• ••• ••• •••	+	- <u> _</u>
CRASH SENSOR LEFT	IN LU5GAGE COM	COMPARTMENT	K/L112			······································										· / MIL'				a
BLOWER FINAL STAGE	6bn IN LUGGAGE COM	COMPARTMENT	F30			HT CANADA							h			THI		The '	1	h
BLOWER ENGINE COMPARTM			———— H30													175		*		
BLOWER MOTOR RIGHT	6cm 6cm IN LUGGAGE COI	COMPARTMENT	630			\p							C			í í í í	11			C
BLOWER MOTOR LEFT	6CP 6CP IN LUGGAGE CO	EOMPARTMENT	F30	-		2UMP										(t	++++	+ ====		
GONG RELAY	6CP DN STEERING CI	i COLUMNEFT	P53/54										<u> </u>			·L'				U
HALL SENDER		TOR	A46			<u> </u>							e	V=4	TILF					e
REAR WINDOW WIPER RELAY						·····							++	·		· '	+-+		-++	
HYDRAULIC UNIT ABS											P49/50			,	TII					
PULSE SENDER	13d0 13d0 ON GEARBOX		A58	0												1 '				
V-BELT CONTROL																('				
MAP ALTERATION- SWITCH														.		1 '				
Kick-down Switch						۹ •										· · · · · · · · · · · · · · · · · · ·		·-+'		+
KNOCK SENSOR 1						ANSMISSION							K			~~~///``		+-+-		K
KNOEK SENSOR 2						°P							1	TA	+++		+=+=+==			
CONDENSER BLOWER						GHTS							<u> </u>	-11/4-t-	-t-t-A		++++=			
FUEL PUMP													M	IFT					· 1-101	M -
CLUTCH SWITCH CRUISE CONTROL						ONDITIONER							AI	╷┽╂╌┼╌╤═		(+-+-\\\\	·+	
LONGITUDINAL ACCELERATION SENDER				CONTROL U	ol unit cruise control)L	9eN 9eN	UNDER THE SE	E SEAT RIGHT		P43/44		N			· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·	, _ I	N
LOCKING DIFFERENTIAL VALVES, LONGITUDINAL / TRANSVERSE						S							n			1				0
IDLE SPEED SWITCH AUTOMATIC TRANSMISSION													<u> </u>	<u></u>	<u>→</u>	€ 				
IDLE SPEED POSITIONER			H41	FUEL LEVE		<u></u>							P		\p	.1 1.				P
AIR FLOW SENSOR																A+#	++	5	+#	- _
MICRO SWITCH ROOF RIGHT													6						#1	101
MICRO SWITCH RODE LEFT						ITCH							R	·		I NUT I				R
						·····							++	~_ \		+				
MICRO SWITCH REAR SPOILER RETRACTED						R								1 2 3 4	4 5 6	7 8 9 10	J 11 12 17	3 14 15 16	.o 17 18	
						}							4 1	• • • •		* 1 • • • •		1 1 1 .	1 1 .	1
MICRO SWITCH FOR CONVERTIBLE CONTROL																				
MOTOR SUN RODF						IL RELAY														
MOTOR CONVERTIBLE TOP ACTUATION RIGHT																				
MOTOR CONVERTIBLE TOP ACTUATION LEFT																				
Motor convertible top locking device right																				
REAR FOG LIGHT CUTOUT RELAY				/=																
NTC HEATER FAN																				
OIL PRESSURE SENDER / SWITCH																				
DIL COOLER BLOWER																				
				ALLHINNE	AL CONTRUL UNIT REAK ?	AR SPOILER	90M 90M	UNDER THE ST	JEAT RUHT		N/3									
OIL LEVEL GAGE	12CK IN WHEEL HUL.	NINDAK NEDTI	E/F31/32																	

911 Carrera 2/4 Model 90 Sheet 13

------ 2 ------ AIRBAG ------

------ 14 ------ DME -----

T34 -----------------------HEATER, AIR CONDITIONER ------

T30 ------- 14 ------ NO. 16 MOTOR -----

T36 ------- REAR WINDOW ------

В

PLUG CONNECTIONS AND GROUND POINTS

715-

T16 -----

T19----

A	B C		D	E		F		G	Н	J	K	L	M	N	0	P
				······			·····				1		1		 <u> </u>	I
_																
Pl	LIG CONNECTIONS								M - NUMBERS							
COL	DE NUMBER OF PINS DESIGNATION, FUNCTION	Position in Vi	VEHICLE	NOTE		FELC	n									
			RHO				-									-
T1	6 ISNITION LOCK	6сР	- 6cM	- on steering column lef	ſi	L48			M 139 AD LUSTAB	LE SEAT HEATING SEAT LEFT						
Τ2	10 ABS	6cL	6cl	- IN LUGGAGE COMPARTMENT	RIGHT-	C36/	/37, K122		M 193 JAPAN VE							
TS		6cM	- 6cM	- Under the instrument p	ANEL RIGHT	G25/	/26		M 249 AUTOMATI	E TRANSMISSION						
	6AIRBAG					M117	7		M 326 RADIO BER	LN						
				- UNDER THE INSTRUMENT P			F88, J88, E/F17, N1	17	M 340 ADJUSTAB	le seat heating seat right						
TB		6cQ	6cL	- UNDER THE INSTRUMENT P	ANEL LEFT	C16,E	117,1.17		M 383 SPORT SEA	AT LEFT HEIGHT ELECTR. ADJUSTAB	BLE .					

M 425 REAR WINDOW WIPER

M 437 COMFORT SEAT LEFT

M 438 COMFORT SEAT RIGHT

M 454 CRUISE CONTROL

M 553

M 576

M 586

M 602

Н

M 562 AIRBAG

M 650 SUN ROOF

M 659 ON-BOARD COMPUTER

M 439 ELECTRIC CONVERTIBLE TOP

M 513 LUMBAR SUPPORT SEAT RIGHT

M 573 RELAY CONDENSER BLOWER

USA - CANADA VERSION

WITHOUT REAR FOG LIGHT

High mounted stop light

LUMBAR SUPPORT SEAT LEFT

- N117

--- [14.L/M14

----- L43/854

- 64

--- E52

-- C/09

- M/N9.N76

--- K9,H73

----- D/E47.B54

- 623/24

- K73/74

- 09,028

- K17

--- [5/6

- [6/7

F

G

- C/050,E127

____ J10

---- D/E9

----- C2

----- [9

---- E14,M/N14,088,H88,M88

----- N/03,J27/28,048/49.B55-58

GROUND	POINTS
--------	--------

CODE	ΝΟΤΕ	Position LHD
MP	LUGGAGE COMPARTMENT, WHEEL HOUSING LEFT	2cP
MP	LUGBAGE COMPARTMENT, WHEEL HOUSING RIGHT	2cM
MP III	ON FIREWALL	
MP IV	GROUND OF POWER CONSUMERS, UNDER THE SEAT LEFT	11eP
MP V	ELEKTRONIC, UNDER THE SEAT LEFT	10eP
MP VI	CENTRAL ELECTRIC, ON LONGITUDINAL SUPPORT RIGHT	6bL
MP VII	ANTENNA AMPLIFIER, ON LONGITUDINAL SUPPORT RIGHT	7bL
MP VII	Inside Lights Convertible, Roof, Center, Front	9aN
MP IX	INSIDE LIGHTS, ROOF RIGHT	11aL
MP IX	INSIDE LIGHTS, RODF LEFT	11aP
MP X	BATTERY, LUGGAGE COMPARTMENT LEFT	ЗеР
MP XI	GROUND STRAP (STARTER, TRANSMISSION, MOTOR, BODY)	14cM
MP XII	ENGINE EDMPARTMENT REAR LEFT	15c0
MP XII	MOTOR LEFT	15c0
MP XIV	ENGINE COMPARTM. REAR RIGHT	15cl
MP XV	INSTRUMENTS, LONGITUDINAL SUPPORT LEFT	7bQ
MP XVI	Combination lead rear left	13dP
MP XVII	Combination lead rear right	12dM
MP XVII	Combination lead front right	4cM
MP XIX	COMBINATION LEAD FRONT LEFT	4cP
MP XX	SEAT CROSS MEMBER UNDER THE SEAT RIGHT	8eL

٢

on in vehicle

------ 7dN ------- IN CENTRE CONSOLE -----

----- 9EP ------ 9EP ------ UNDER THE SEAT LEFT ------

------ 15cm ------ 15cm ------ Engine Compartment Right ----

----- 9eP ------ 9eP ------- UNDER THE SEAT LEFT -----

----- 70L ------ 70L ------ 8N LUGGAGE AT THE LONGITIONAL SUPPORT RIGHT -----

---- 16cP------ 16cP ------ CARRIER PLATE IN ENGINE COMPARTMENT-

----- 6cm ------ 6cm ------ IN LUGGAGE COMPARTMENT RIGHT---

----- 12cl------ 12cl------- SIDE PANAL COVERING RIGHT-

------ 150M ------ 150M ------ BELOW THE PARCEL TRAY --

D

- 16cP------ 16cP ------ CARRIER PLATE IN ENGINE COMPARTMENT-

T27 ------ 2 ------- LUGGAGE COMPARTMENT LIGHT --------- 7bL --------- 7bL --------- IN LUGGAGE AT THE LONGITUDINAL SUPPORT RIGHT -----

T22 ------- 4 ------ INSIDE LIGHTS, SUN RDDF ------ 15bM ------ 15bM ------ BELOW THE PARCEL TRAY --

T37 ------ 7bg ------ 7bg ------ 7bg ------ 1 LUGGAGE COMPARTMENT -

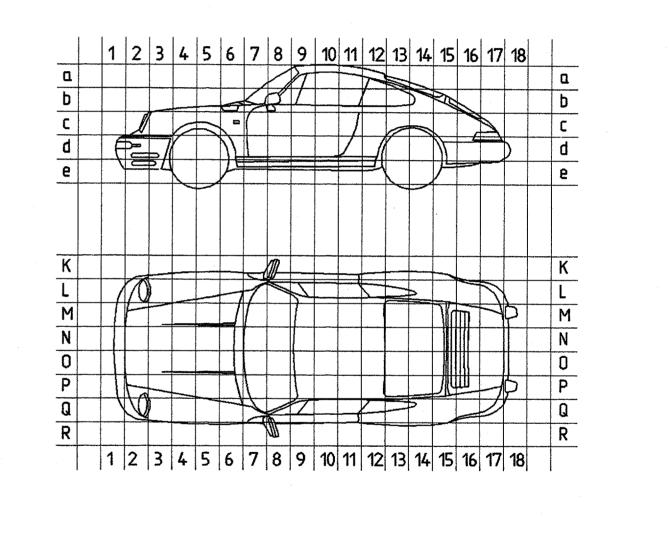
T41 ------ 9eP ----- 9eP ----- UNDER THE SEAT LEFT -

A

Ε

M 387 SPORT SEAT RIGHT HEIGHT ELEETR. ADJUSTABLE

K



N

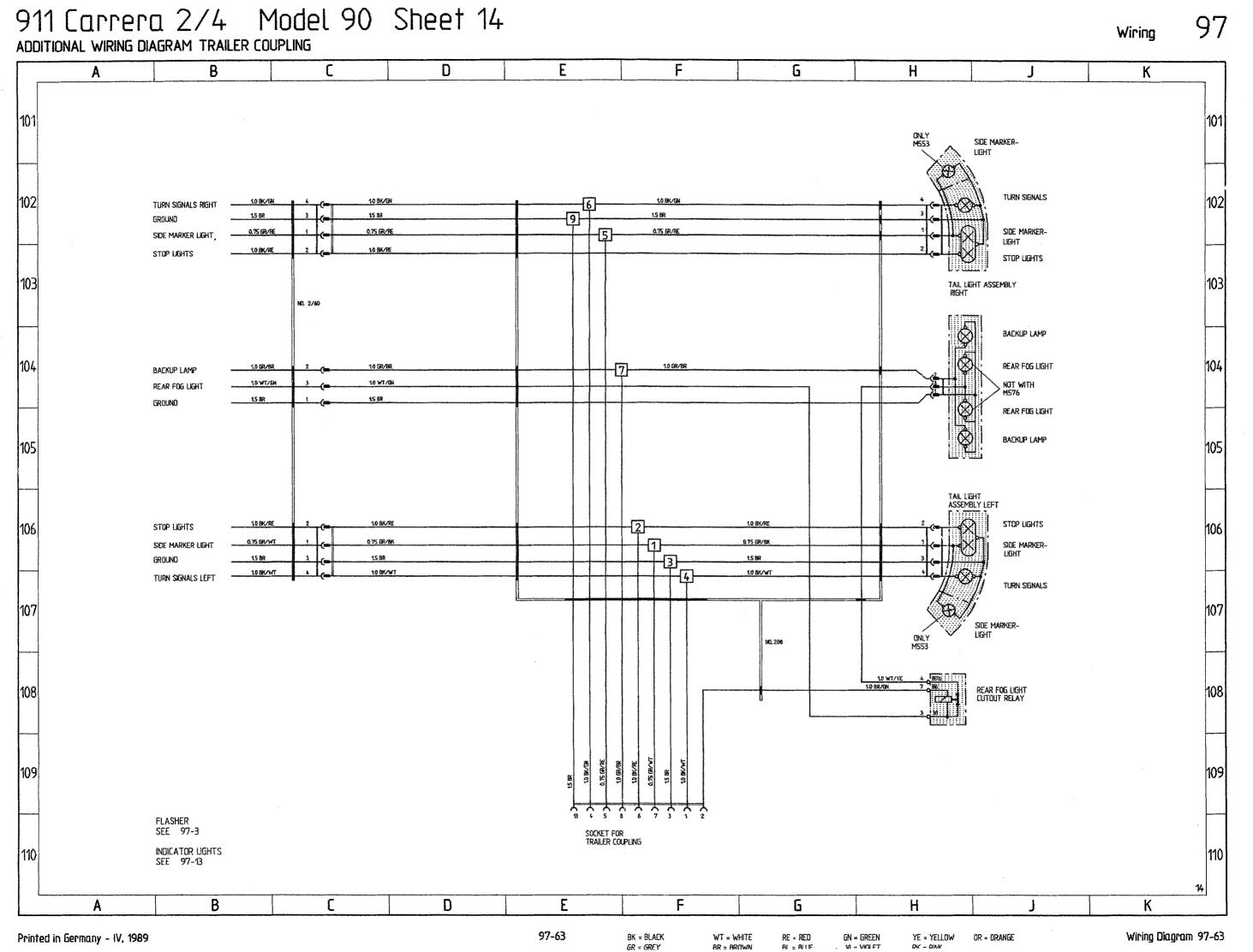
Μ

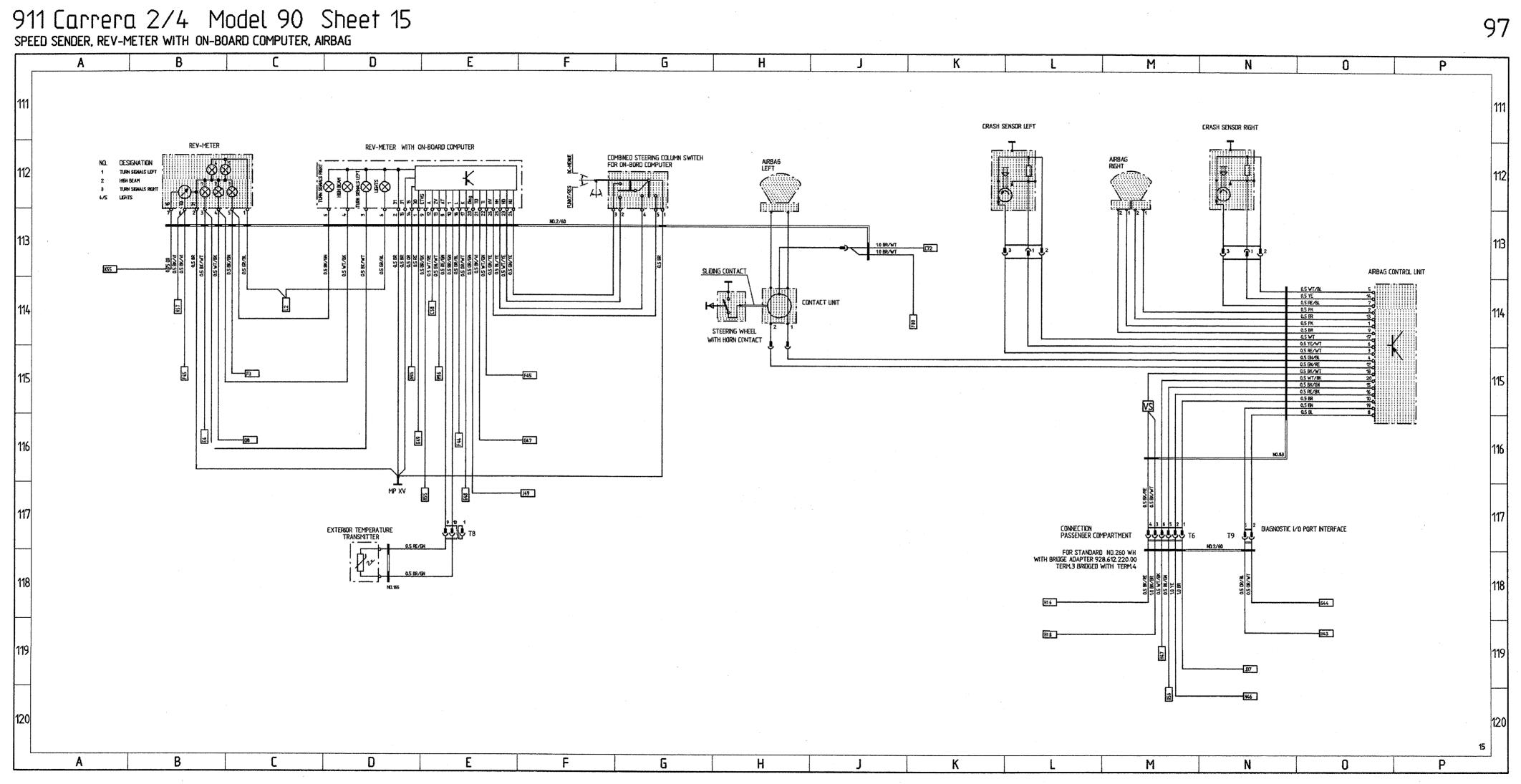
Ρ

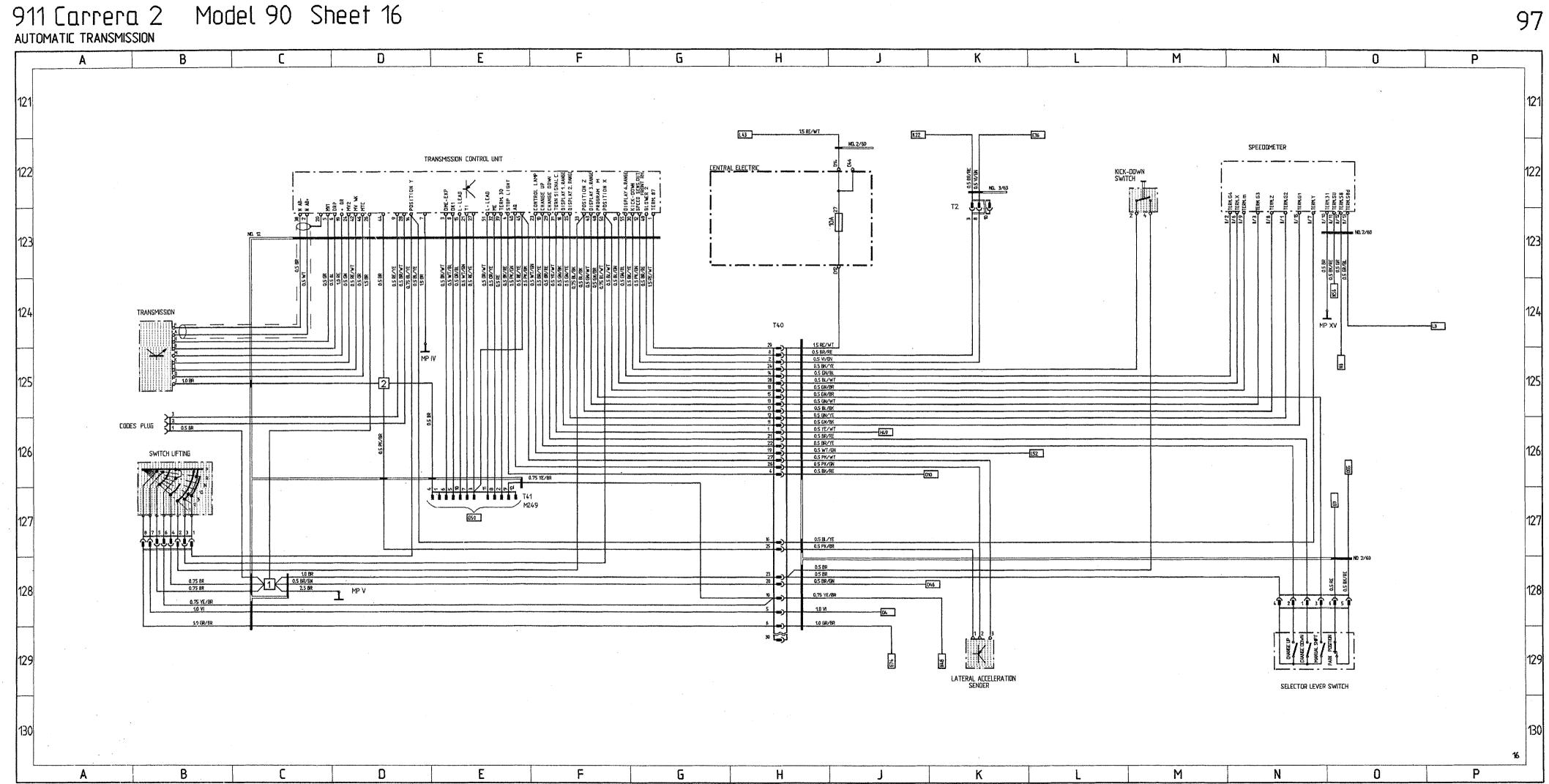
0

13

97







BK = BLACK

Changes to the circuit diagram for the 911 Carrera 2/4, 1990 model

Sheet 5, D 50

The ground points for the DME control unit are not marked. 2.5 mm² lead, brown, to ground point IV. 1.5 mm² lead, brown, to ground point V.

Sheet 12

Control unit-transmission The control unit is located beneath the left-hand seat.

Please alter the circuit diagram accordingly.

Wiring Diagram Type 911 Carrera 2 and 4 Model 91

The wiring diagram consists of 15 individual wiring diagrams, 1 sheet construction components and 1 sheet plug connections and ground points. These are divided into coordinate fields.

Each individual wiring diagram contains a part of the central-electrics box in a dashdotted frame.

This part of the central-electrics box shows all the lines and relays necessary for the individual wiring diagram.

The earth/ground points are identified by "MP" and their location is shown in a vehicle diagram.

The 10-pin connectors on the central-electrics box are clipped together out of 3 parts, the 20-pin connectors are clipped together out of 5 parts.

Part 1, with the moduled-on fastening lug, is the "starting element".

Parts 2,3 and 4 are "module elements".

The 10-pin connectors only contents one "module element".

Start- and module elements are identified by the numbers 1.....5.

Part 5 ist a "coding element".

The designations of the plug connections in the wiring diagram refer to the "starting element" from, for example, B 11.....15, and to the first module element from B 21.....25.

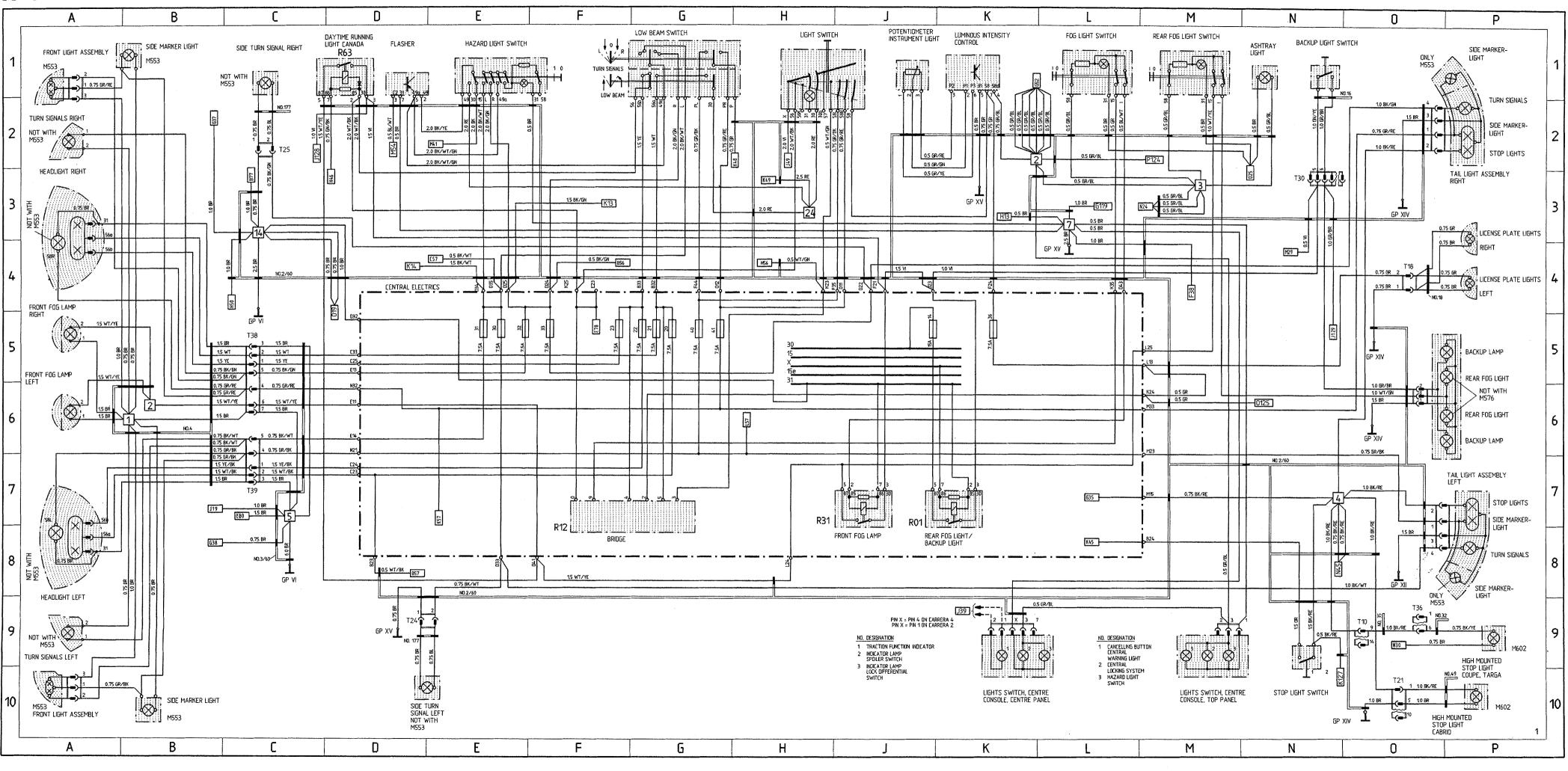
97

Wiring Diagram Type 911 Carrera 2 and 4 Model 91

Coordinates

Sheet	1	1 - 10	Lights
Sheet	2	11 - 20	Alarm System, Central Locks, Mirror, Power Window Regulator, Inside Lights
Sheet	3	21 - 30	Heater, AC, Coolant Fan, Rear Window Defogger
Sheet	4	31 - 40	ABS, Porsche Dynamic AWD Control (Carrera 4)
Sheet	4a	31 - 40	ABS (Carrera 2)
Sheet	5	41 - 50	Motor, Ignition, Cruise Control
Sheet	6	51 - 60	Instruments, Sender, Central Informer, On-board computer
Sheet	7	61 - 70	Seats
Sheet	8	71 - 80	Rear Spoiler, Two-Tone Horns, Wipe- and Wash Cleaners, Sun Roof, Convertible Top
Sheet	9	81 - 90	Radio, Telephone
Sheet	10	91 - 100	Fog Light, Rear Fog Light
Sheet	11		Central Electric
Sheet	12		Construction Components
Sheet	13		Plug Connections, Ground Points, M-Numbers, Abbreviations
Sheet	14	101 - 110	Trailer Coupling
Sheet	15	111 - 120	Airbag
Sheet	16	121 - 130	Tiptronic (Carrera 2)

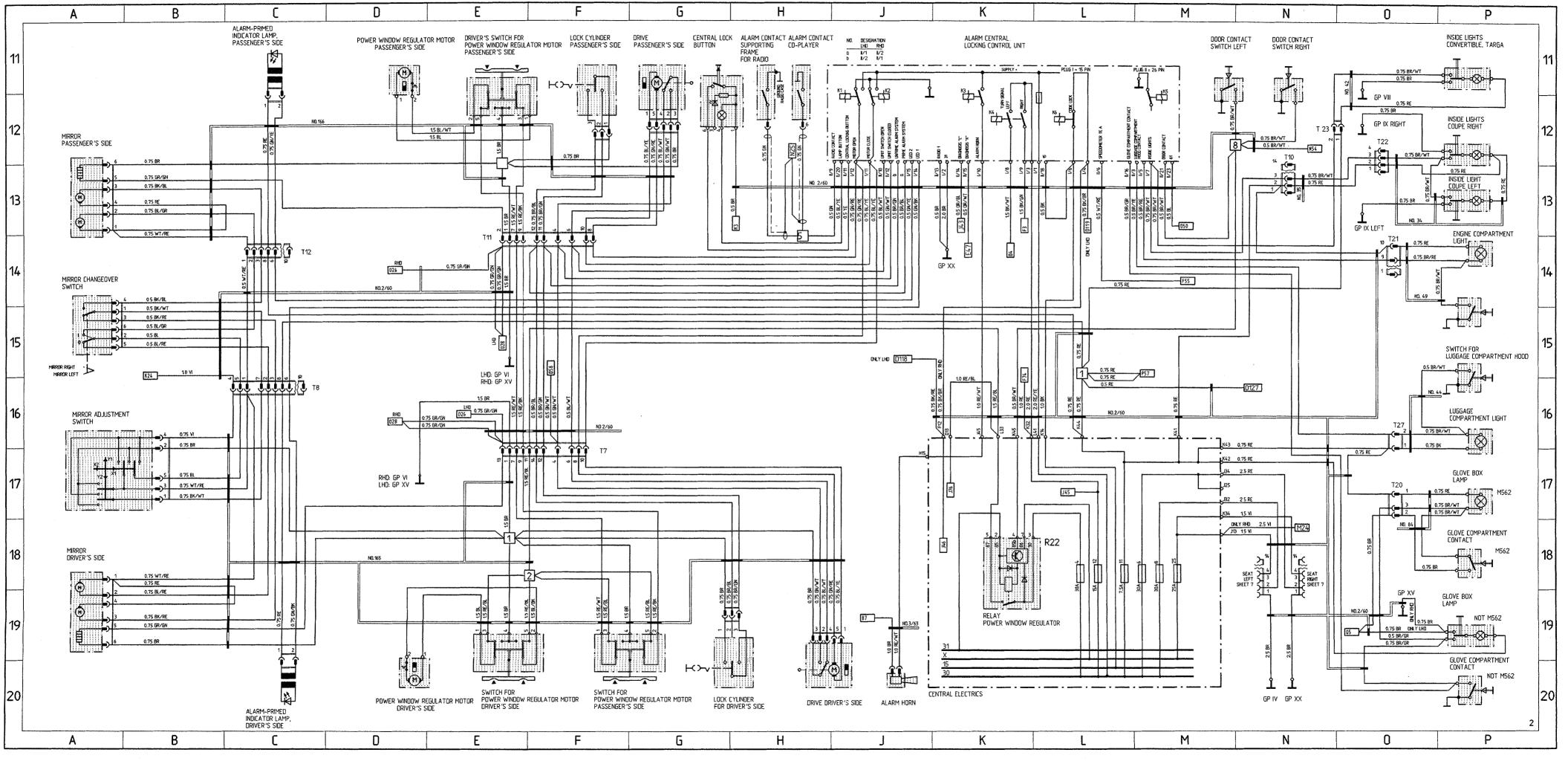
911 Carrera 2/4 Model 91 Sheet 1



Wiring

97

911 CORPORE 2/4 Model 91 Sheet 2 SEATS, ALARM SYSTEM, CENTRAL LOCKS, MIRROR, POWER WINDOW REGULATOR, INSIDE LIGHTS



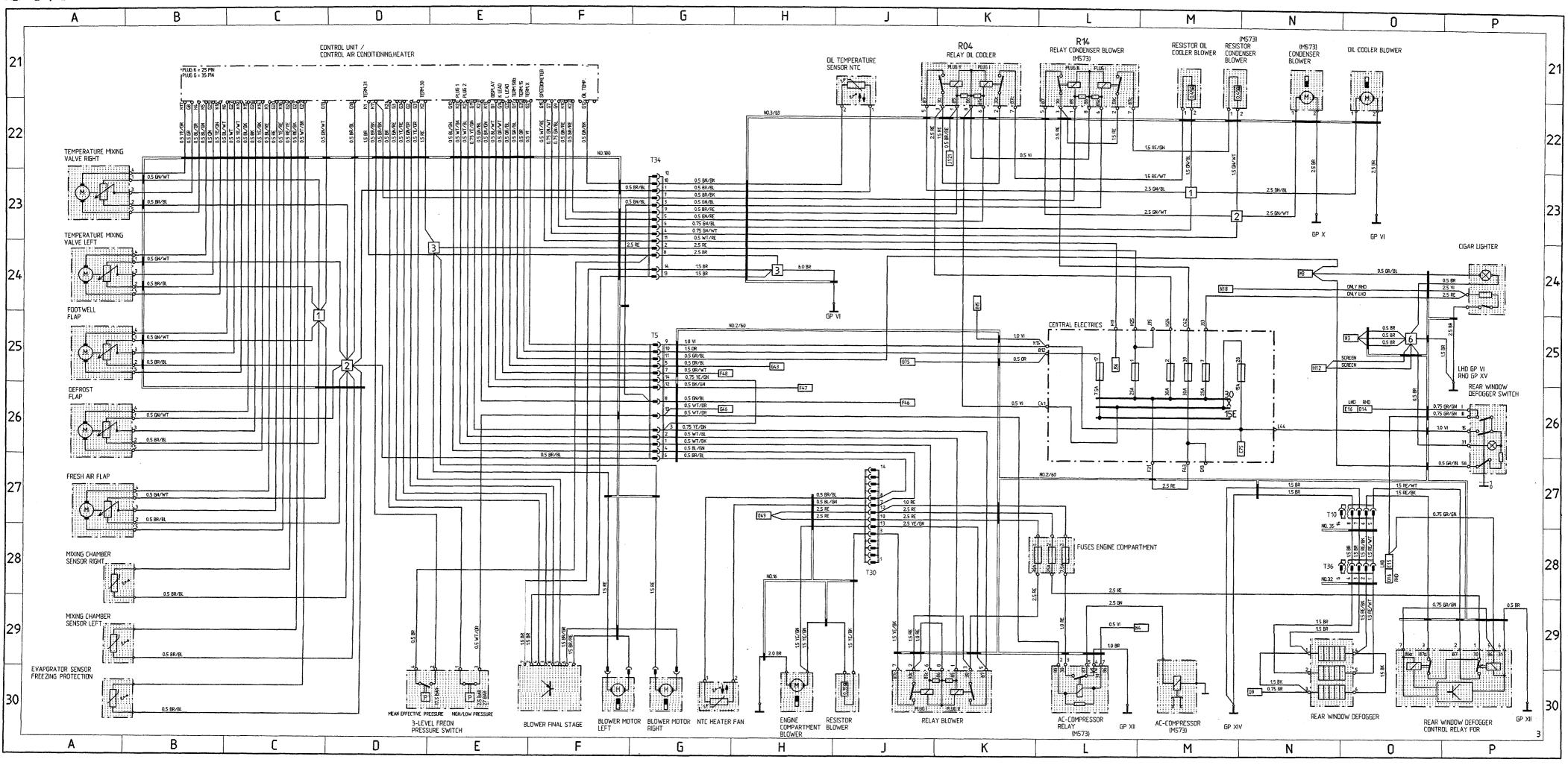
Wiring

97

BL = BLU

PK = PINK

911 Carrera 2/4 Model 91 Sheet 3 HEATER, AC



Printed in Germany - VIII, 1990

97-77

BK = BLAEK

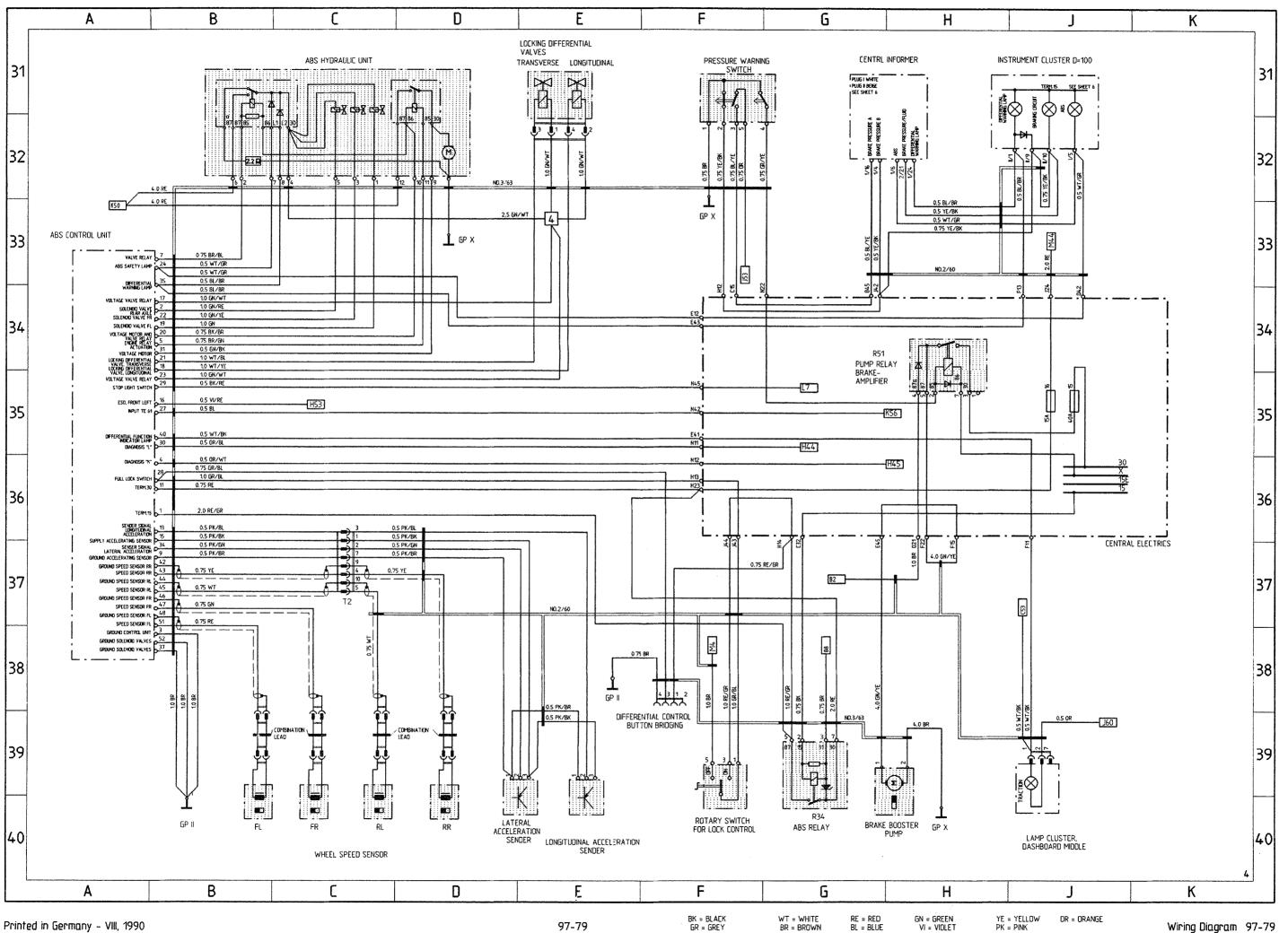
WT = WHITE

Wiring

97

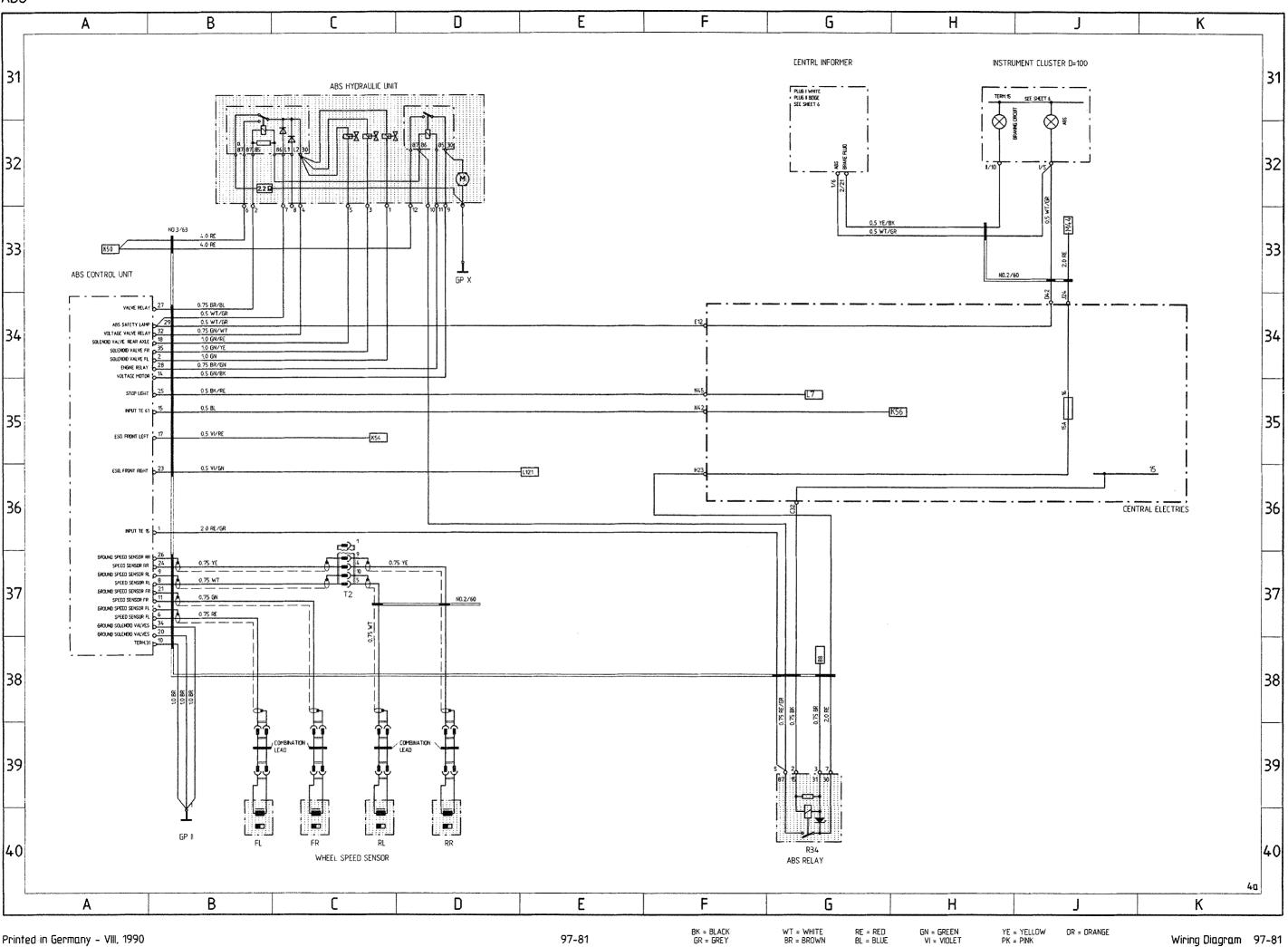
911 Carrera 4 Model 91 Sheet 4

ABS, PORSCHE DYNAMIC AWD CONTROL



wiring 97

911 Carrera 2 Model 91 Sheet 4a ABS

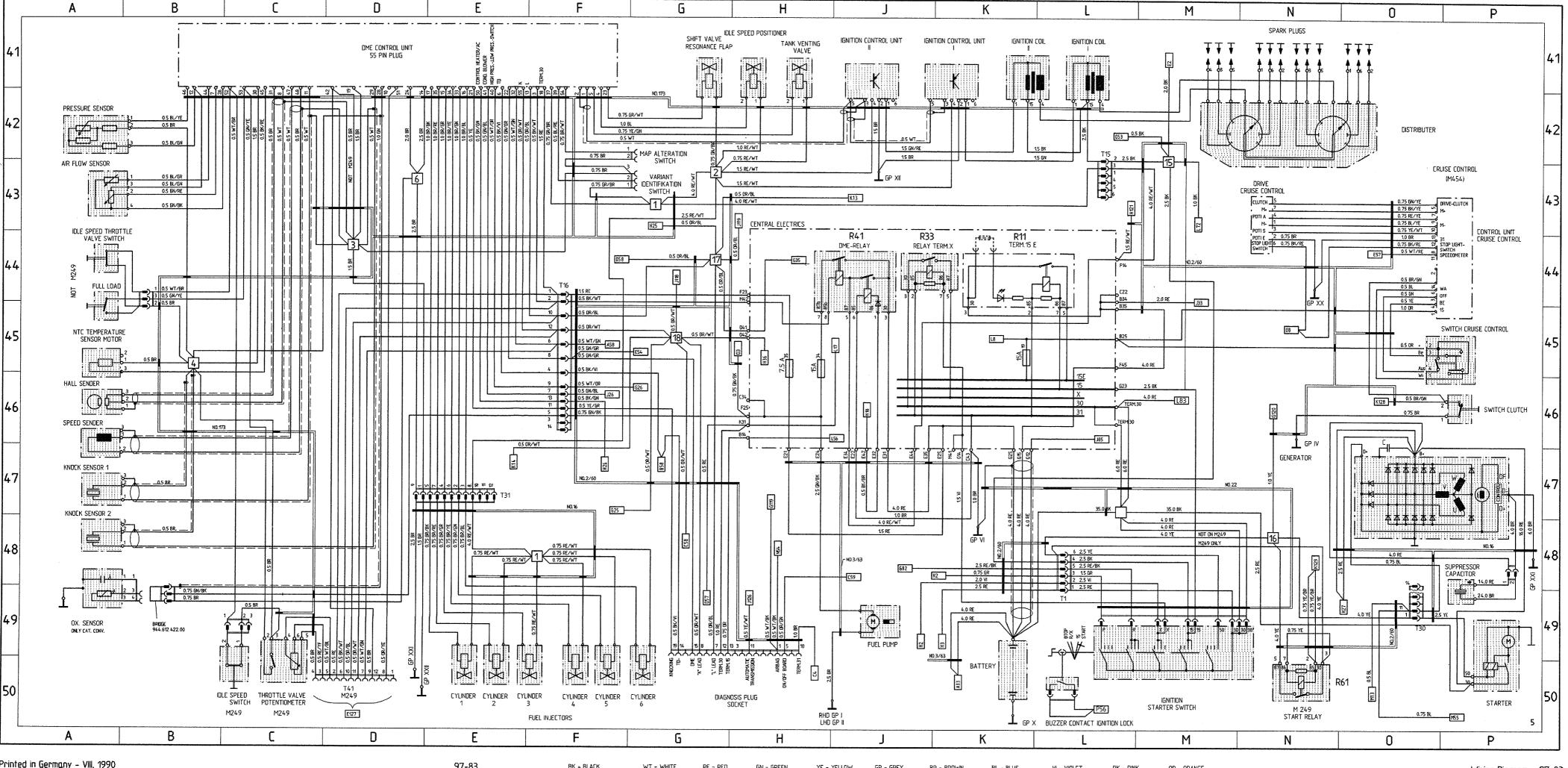


97-81

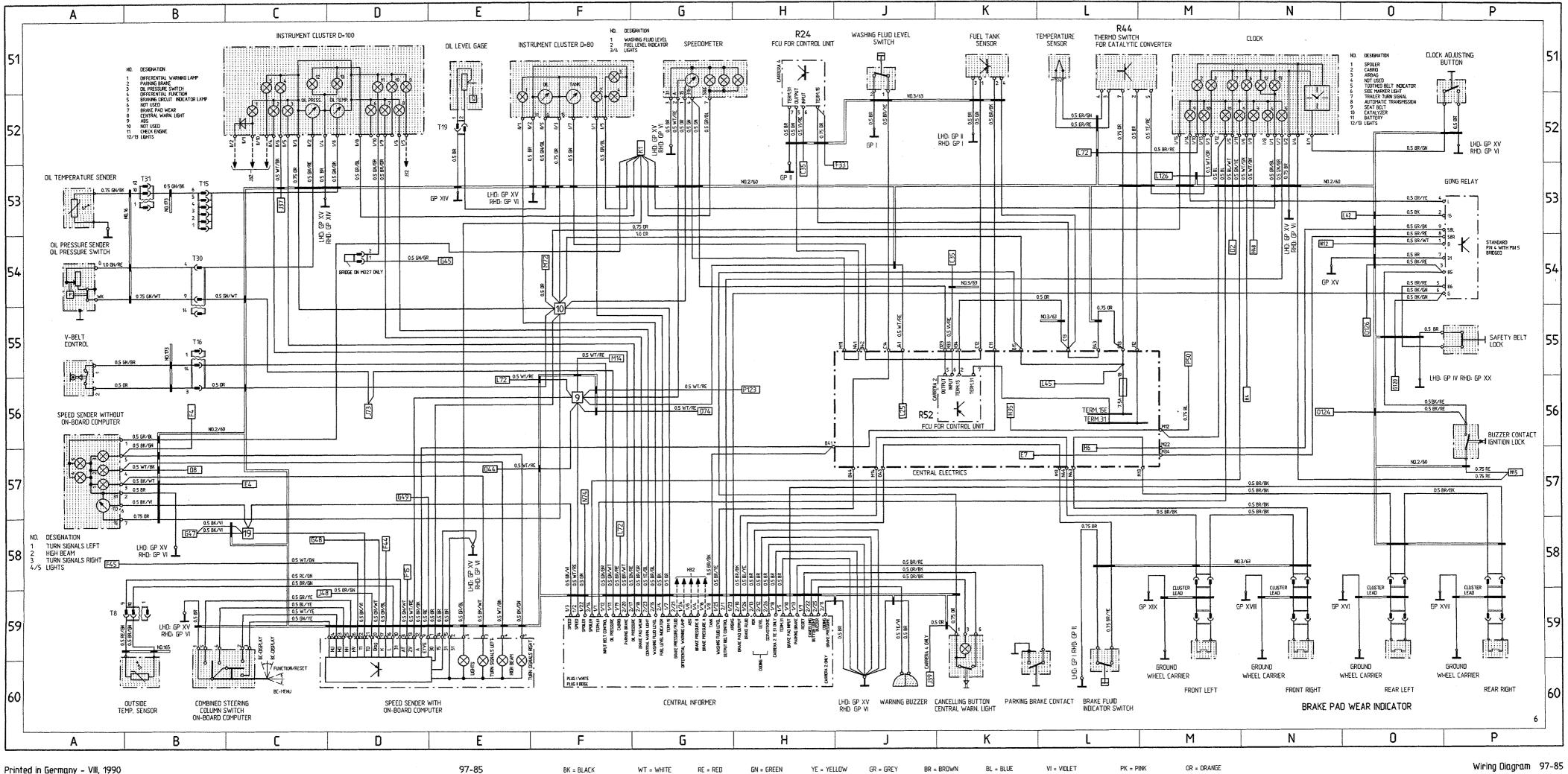
Wiring Diagram 97-81

911 Carrera 2/4 Model 91 Sheet 5

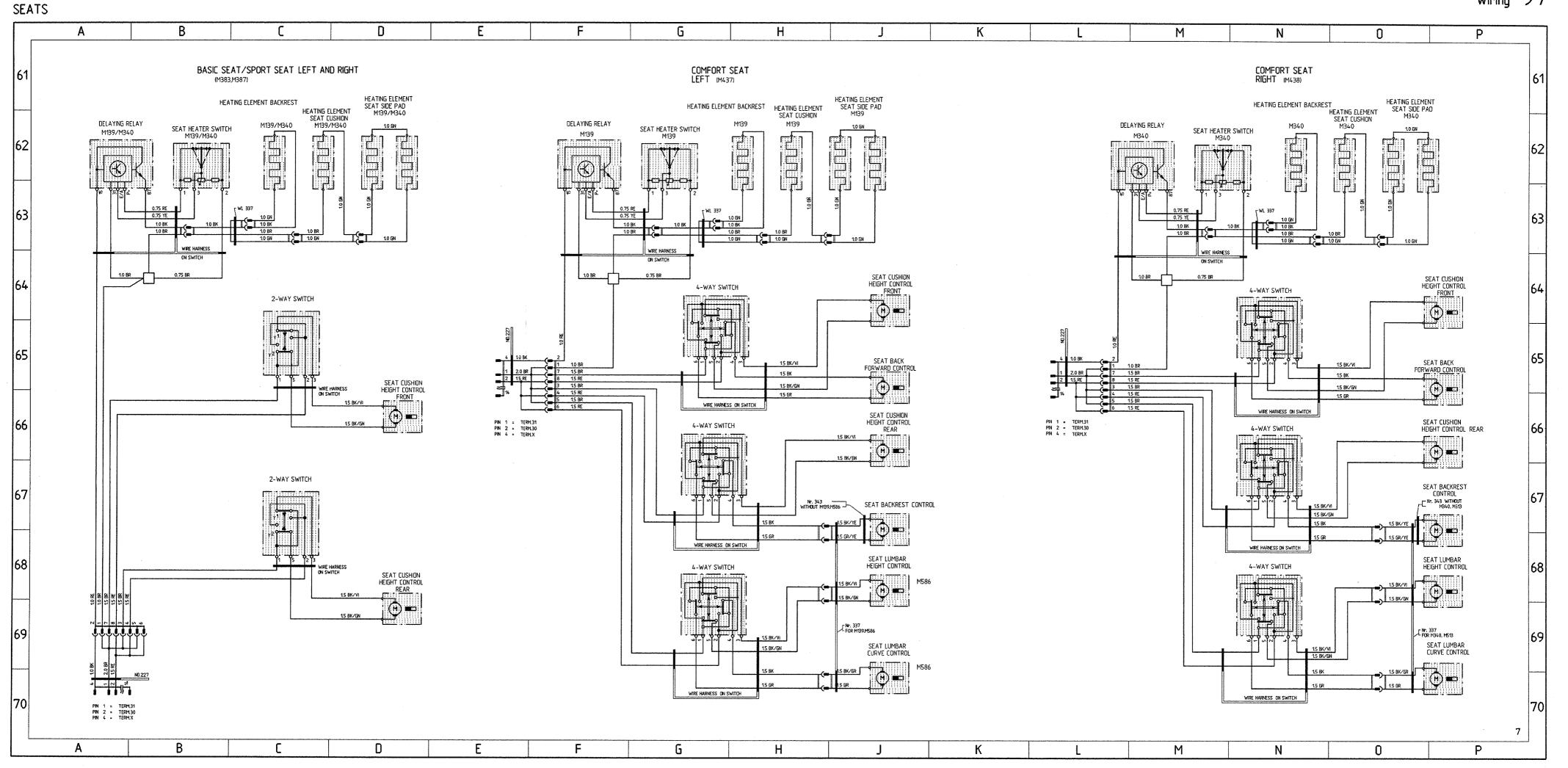
MOTOR, FUEL, IGNITION, CRUISE CONTROL



911 Carrera 2/4 Model 91 Sheet 6 INSTRUMENTS AND SENDER



911 Carrera 2/4 Model 91 Sheet 7

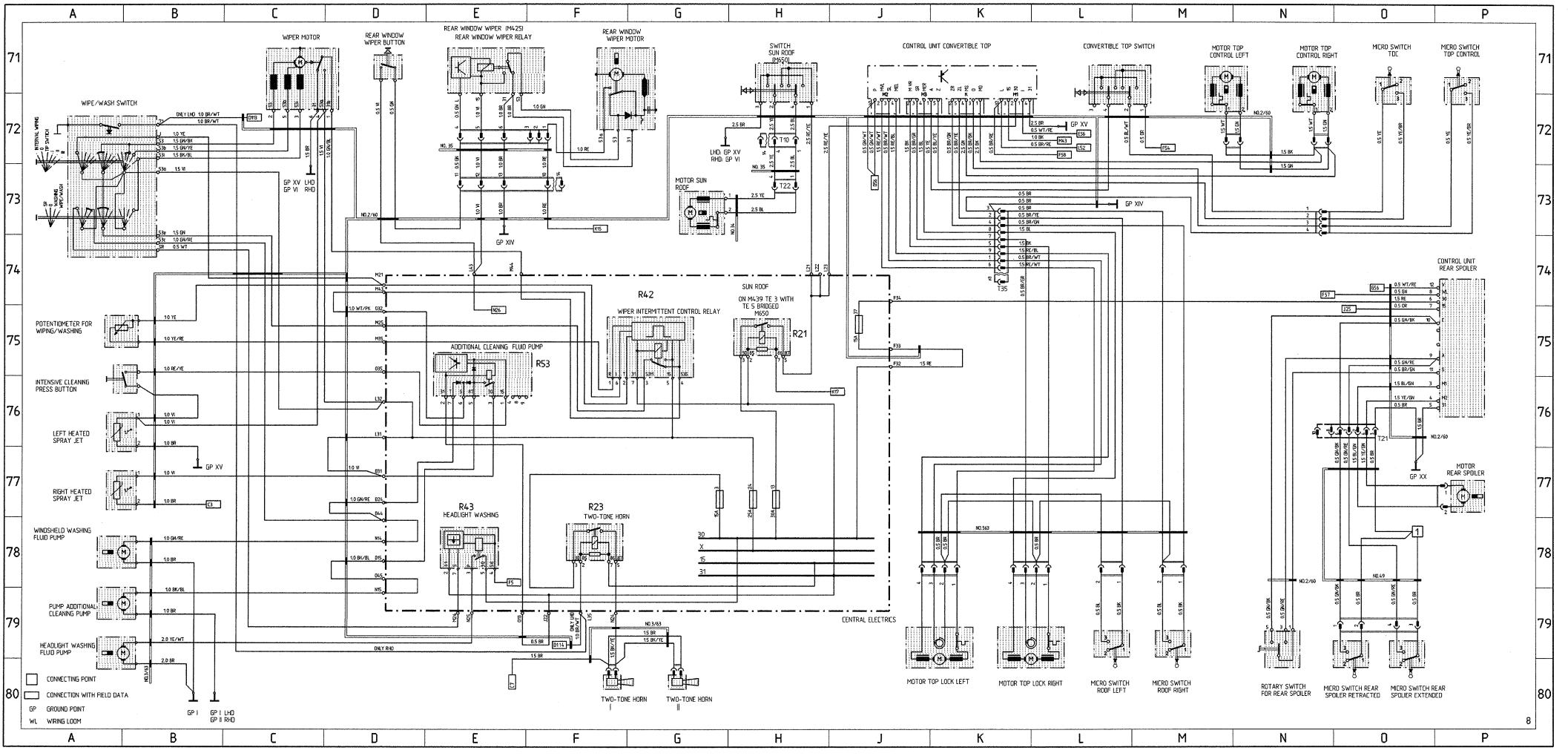


BK = BLACK WT = WHITE

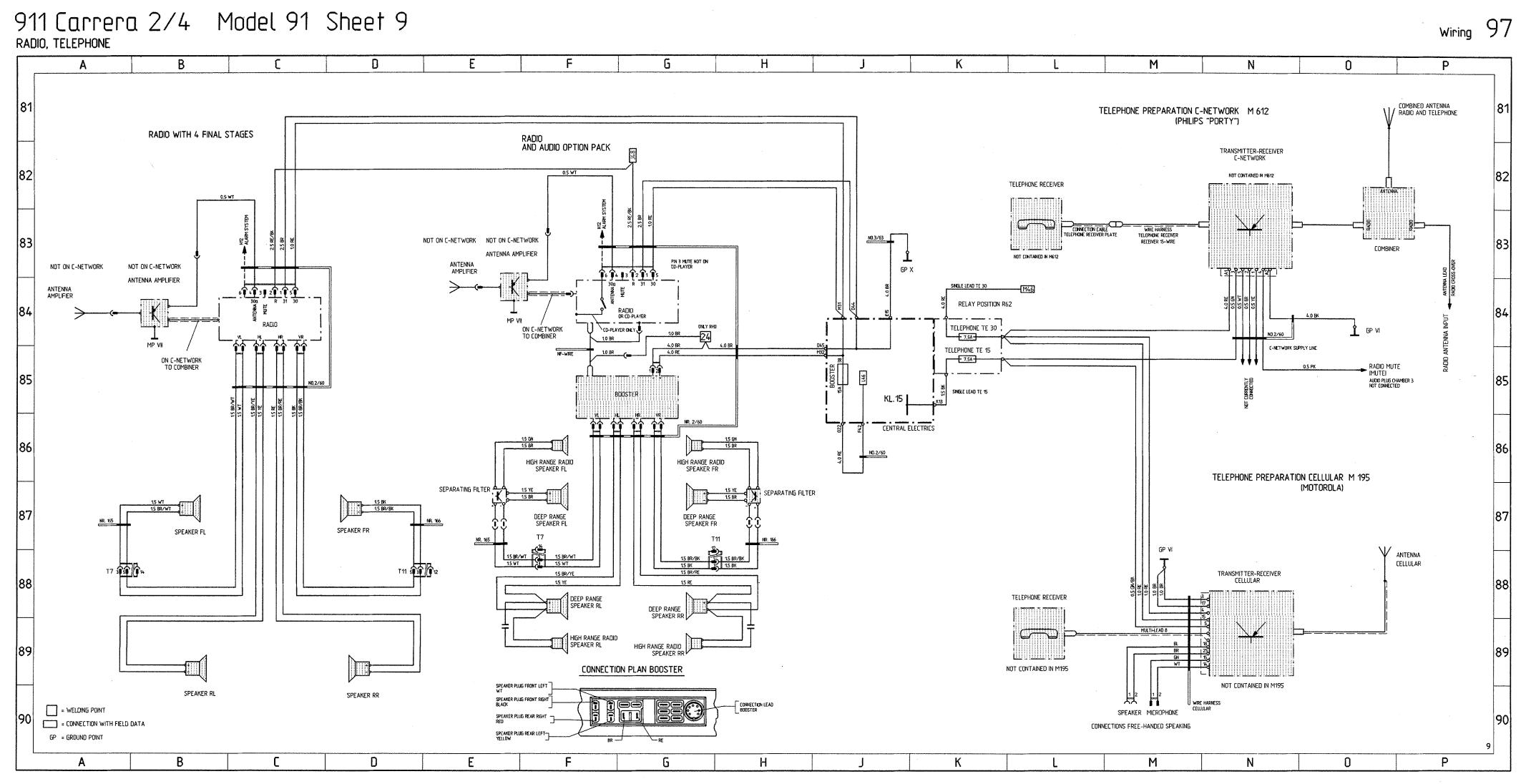
REEN YE = YELLOW

911 Carrera 2/4 Model 91 Sheet 8

REAR SPOILER, TWO-TONE HORNS, WIPE- AND WASH CLEANERS, SUN ROOF, CONVERTIBLE TOP



OR = ORANGE

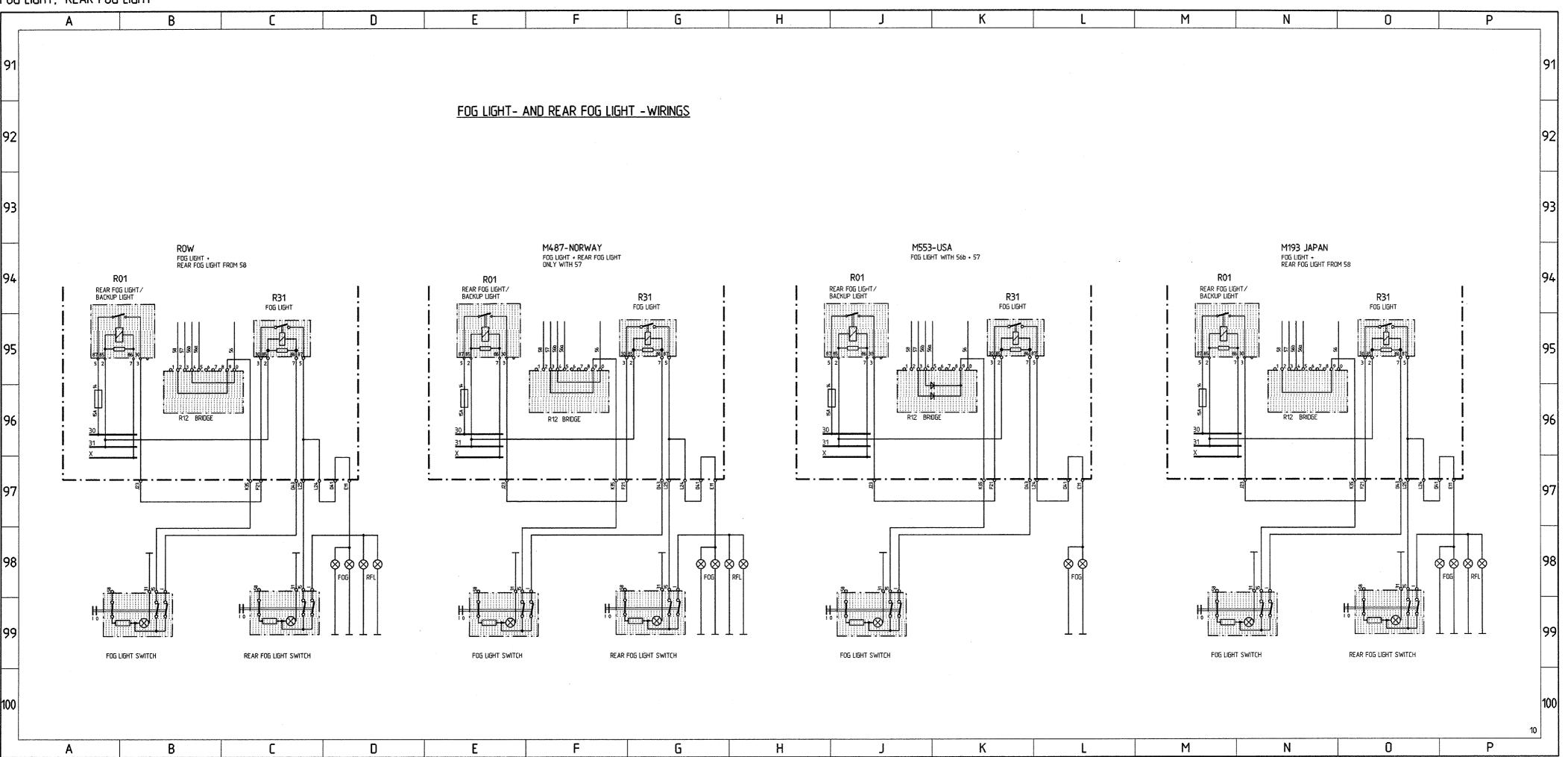


Printed in Germany - VIII, 1990



911 Carrera 2/4 Model 91 Sheet 10

FOG LIGHT, REAR FOG LIGHT



97-93

BK = BLACK

WT = WHITE R

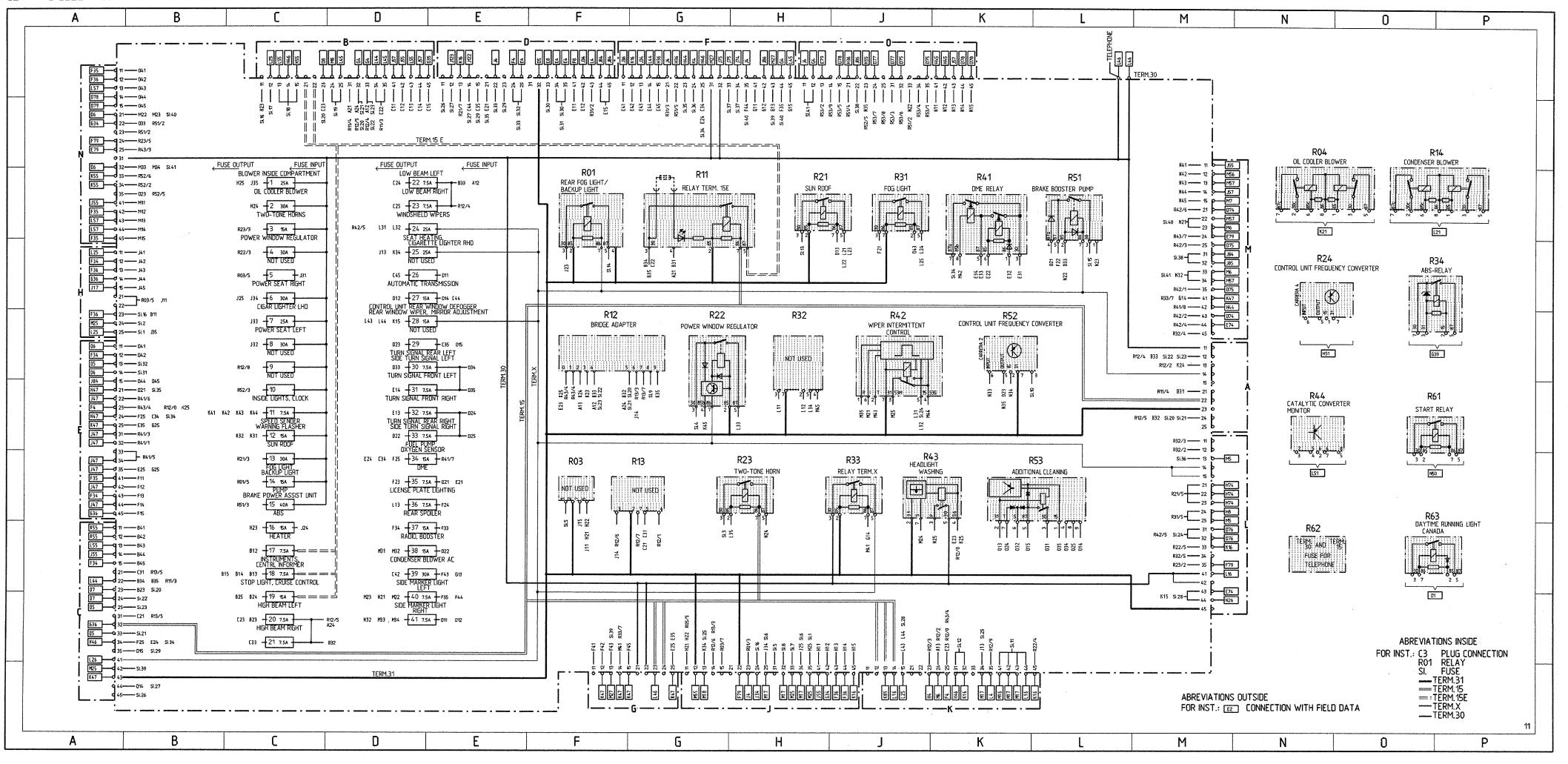
RE = RED GN = GREEN

REEN YE = YELLOW GR

wiring 97

R = GREY BR = BROWN BL = BLUE VI = VIDLET PK = PINK OR = ORANGE

911 Carrera 2/4 Model 91 Sheet 11 CENTRAL ELECTRICS



BK = BLACK WT = WHITE RE = RED

911 Carrera 2/4 Model 91 Sheet 12

CONSTRUCTION COMPONENTS

A

В

С

D

Е

F

G

Н

CONSTRUCTION COMPONENTS

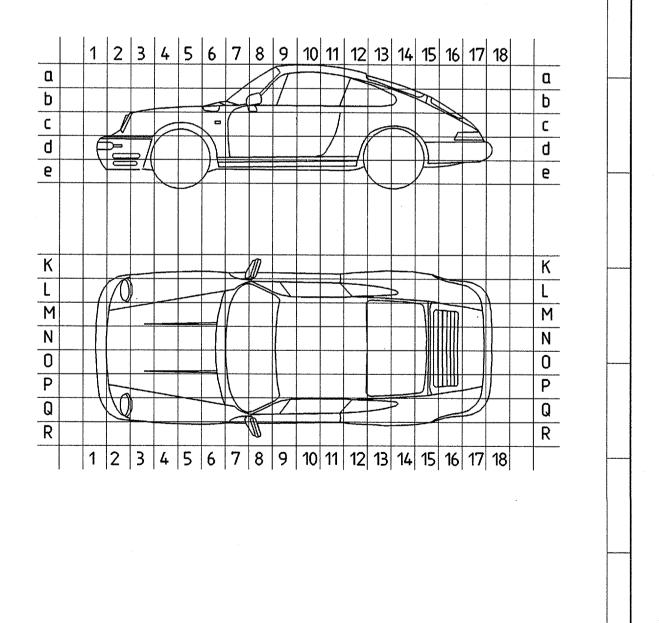
DESIGNATION, FUNCTION	positik Vehicl		NOTE	field in Wiring Di
	LHD	RHD		
ABS RELAY	6cM	6cM	CENTRAL ELECTRICS	639/40
ALARM HORN	3cL	3cL	IN WHEEL HOUSING FRONT RIGHT	J20
ANTENNA AMPLIFIER	7bl.	75Q	IN LUGGAGE COMPARTMENT	B84,E84
OUTSIDE TEMP, SENSOR	8bR	8bK	IN OUTSIDE MIRROW	B60
FLASHER	7dN	7dN	IN CENTRE CONSOLE	D1
BOOSTER	9eM	9eM	UNDER THE SEAT RIGHT	F/G85
STOP LIGHT SWITCH	6dP	6dM	AT THE BRAKE PEDAL BELOW THE FLOOR PANEL	N9
DIAGNOSIS CONNECTION	7cL	7:0	IN PASSENGER'S FOOTWELL	G/H50
DME RELAY	6cM	6cM	CENTRAL ELECTRICS	J44
DME CONTROL UNIT	9eP	9eP	UNDER THE SEAT LEFT	B-F41
SPEED SENDER	15cP	15cP	BY ENGINE LEFT	A47
THROTTLE VALVE POTENTIOMETER, AUTOM. TRANSMISSION	15bN	15bN	ON THROTTLE VALVE ASSEMBLY	C50
THROTTLE VALVE SWITCH, MANUAL TRANSMISSION	15bN	15bN	ON THROTTLE VALVE ASSEMBLY	A44/45
PRESSURE SENSOR	10eP	10eP	UNDER THE SEAT LEFT	A44743
PRESSURE WARNING SWITCH	1d0	1d0	IN LUGGAGE COMPARTMENT	F31
PRESSURE SWITCH AIR CONDITIONING SYSTEM	660		IN LUGGAGE COMPARTMENT	E30
TWO-TONE HORN I	3cL	3c1	IN WHEEL HOUSING FRONT RIGHT	F80
		4		
TWO-TONE HORN II	3cL	3cL	IN WHEEL HOUSING FRONT RIGHT	680
SEPARATING FILTER FL	9d0	9dQ	UNDER THE DOOR TRIM PANEL	E87
SEPARATING FILTER FR	9dL	9dL	UNDER THE DOOR TRIM PANEL	H87
CRASH SENSOR RIGHT	4cM		IN LUGGAGE COMPARTMENT	6112/113
CRASH SENSOR LEFT	4cP		IN LUGGAGE COMPARTMENT	E112/113
BLOWER FINAL STAGE	6bN	6bN	IN LUGGAGE COMPARTMENT	F30
BLOWER ENGINE COMPARTMENT	16c0	16cD	ON ENGINE	H30
BLOWER MOTOR RIGHT	6cM	6cM	IN LUGGAGE COMPARTMENT	G30
BLOWER MOTOR LEFT	<u>6cP</u>	6cP	IN LUGGAGE COMPARTMENT	F30
GONG RELAY	6cP	<u> </u>	BY STEERING COLUMN LEFT	P53/54
HALL SENDER	17c0	17c0	ON DISTRIBUTOR	A46
REAR WINDOW WIPER RELAY	15b0	15b0	ON REAR WINDOW WIPER MOTOR	E71
HYDRAULIE UNIT ABS	3dP	3dP	IN LUGGAGE COMPARTMENT	C32
V-BELT CONTROL	17d0	17d0	ON ENGINE	A55/56
MAP ALTERATION- SWITCH	9eP	9eP	UNDER THE SEAT LEFT	642
KICK-DOWN SWITCH	6d0	6dM	BY ACCELERATOR PEDAL UNDER FLOOR PANEL	M122
KNOCK SENSOR 1	15cP	15cP	BY ENGINE LEFT	A47
KNOCK SENSOR 2	16cN	16cN	BY ENGINE TOP	A48
CONDENSER BLOWER	2dQ	2dQ	IN WHEEL HOUSING FRONT LEFT	N21
FUEL PUMP	6eM	6eP	BEHIND THE BASE	J49
CLUTCH SWITCH CRUISE CONTROL	6dP	6dN	BY CLUTCH PEDAL UNDER FLOOR PANEL	P46
LONGITUDINAL ACCELERATION SENDER	7dN	7dN	IN CENTRE CONSOLE	E40
LOCKING DIFFERENTIAL VALVES LONGIT. AND TRANSVERSE	3dM	3dM	IN LUGGAGE COMPARTMENT	E31
IDLE SPEED SWITCH AUTOMATIC TRANSMISSION	15bN	15bN	ON ENGINE	C50
IDLE SPEED POSITIONER	15bN	15bN	IN ENGINE COMPARTMENT	H41
AIR FLOW SENSOR	16b0	16b0	ON ENGINE	A43
MICRO SWITCH ROOF RIGHT	9aN	9aN	AT CONVERTIBLE TOP FRAME	M79
MICRO SWITCH ROOF LEFT	900	900	AT CONVERTIBLE TOP FRAME	L79
MICRO SWITCH REAR SPOLIER EXTENDED	16bP	16bP	ON TAILGATE	079
MICRO SWITCH REAR SPOILER RETRACTED	16bP	16bP	ON TAILGATE	079
MICRO SWITCH TOC	12cL	12cL	BEHIND SIDE PANEL COVERING	071
MICROSWITCH FOR TOP CONTROL	12cL	12cL	BEHIND SIDE PANEL COVERING	P71
MOTOR SUN ROOF	120N	120N		G73
MOTOR TOP CONTROL RIGHT	15cN	15cN	BEHIND REAR SEAT	N71
MOTOR TOP CONTROL RIGHT MOTOR TOP CONTROL LEFT	150	15cN		
				M71
MOTOR TOP LOCK RIGHT	9aN	9 <u>0</u> N		K/L79
MOTOR TOP LOCK LEFT	900	900	AT CONVERTIBLE TOP FRAME	J/K79
REAR FOG LIGHT CUTOUT RELAY	17dN	17dN	BEHIND REAR PANEL	A108
NTC HEATER FAN	16cP	16cP	IN ENGINE COMPARTMENT	630
OIL PRESSURE SENDER/SWITCH	14cN	14cN		A54
OIL COOLER BLOWER	2dL	2dL	IN WHEEL HOUSING FRONT RIGHT	021
OIL LEVEL GAGE	12cK	12cK	IN WHEEL HOUSING REAR RIGHT	E51/52

DESIGNATION, FUNCTION	positi Vehicl		NOTE	Field in Wiring Diagram
	LHD	RHD		
OIL TEMPERATURE SENDER FOR INSTRUMENT	14cN	14cN	ON ENGINE	A53
OIL TEMPERATURE SENDER FOR OIL COOLER BLOWER	2dL	2dL	IN WHEEL HOUSING FRONT RIGHT	J21
SWITCH LIFTING	12d0	12d0	ON GEARBOX	D-F129
BRAKE BOOSTER PUMP	1dD	1dO	IN LUGGAGE COMPARTMENT	H39/40
LATERAL ACCELERATION SENDER ABS	7dN	7dN	IN CENTRE CONSOLE	D40
LATERAL ACCELERATION SENDER AUTOMATIC TRANSMISSION	7dN	7dN	IN CENTRE CONSOLE	K129
CONTROL RELAY REAR WINDOW DEFOGGER	16cP	16cP	CARRIER PLATE IN ENGINE COMPARTMENT	0/P29/30
RELAY CONDENSER BLOWER	6cM	6cM	CENTRAL ELECTRICS	L21
RELAY AE COMPRESSOR	16cP	16cP	CARRIER PLATE IN ENGINE COMPARTMENT	L30
RELAY TWO-TONE HORN	6cM	6cM	CENTRAL ELECTRICS	F78
RELAY POWER WINDOW REGULATOR	6cM	6cM	CENTRAL ELECTRICS	K18/19
RELAY FREQUENCY TRANSFORMER	6cM	6cM	CENTRAL ELECTRICS	K56/H51
RELAY BLOWER ENGINE COMPARTMENT	16cP	16cP	CARRIER PLATE IN ENGINE COMPARTMENT	J/K30
RELAY STARTER AUTOMATIC TRANSMISSION	6cM	6cM	CENTRAL ELECTRICS	N50
RELAY ADDITIONAL CLEANING FLUID PUMP	6cM	6cM	CENTRAL ELECTRICS	E75/76
RELAY THERMO SWITCH CATALYTIC CONVERTER	6cM	6cM	CENTRAL ELECTRICS	L/M51
RELAY TERM.X	6cM	6cM	CENTRAL ELECTRICS	K44
RELAY_TERM.15 E	6cM	6cM	CENTRAL ELECTRICS	K/L44
RELAY REAR FOG LIGHT-BACKUP LIGHT	6cM	6cM	CENTRAL ELECTRICS	J/K7
RELAY FRONT FOG LAMP	6cM	6cM	CENTRAL ELECTRICS	J7
RELAY OIL CODLER BLOWER	6cM	6cM	CENTRAL ELECTRICS	K21
RELAY BRAKE BOOSTER PUMP	6cM	6cM	CENTRAL ELECTRICS	H34/35
RELAY SUN ROOF	6cM	6cM	CENTRAL ELECTRICS	H75
RELAY DAYTIME RUNNING LIGHT CANADA	6cM	6cM	CENTRAL ELECTRICS	D1
BACKUP LIGHT SWITCH	14dN	14 dN	By transmission right	N1
SHIFT VALVE RESONANCE FLAP	15bN	15bN	ON ENGINE	641
WINDSHIELD WASHING FLUID PUMP	3cQ	3cQ	BY WASHING FLUID RESERVOIR IN WHEEL HOUSING FL	A78
FUSES ENGINE COMPARTMENT	16cP	16c P	CARRIER PLATE IN ENGINE COMPARTMENT	L28
HEADLIGHT ELEANER PUMP	3cQ	3cQ	BY WASHING FLUID RESERVOIR IN WHEEL HOUSING FL	A79/80
HEADLIGHT CLEANER RELAY	6cM	6cM	CENTRAL ELECTRICS	E78
STARTER	14 dN	14dN	By Clutch Housing Right	P49/50
DRIVE CRUISE CONTROL	<u>15c0</u>	15c0	ON ENGINE	N43/44
CONTROL UNIT ABS	2dM	2dM	IN LUGGAGE COMPARTMENT	A33-38
CONTROL UNIT AIRBAG	<u>6c0</u>		ON INTRUMENT PANEL	J114/115
CONTROL UNIT ALARM SYSTEM/CENTRAL LOCKING SYSTEM	9eM	9eM	UNDER THE SEAT RIGHT	J-M12
CONTROL UNIT AUTOMATIC TRANSMISSION	10dP	10dP	UNDER THE SEAT LEFT	C-G122
	6cP	6cM	ON INTRUMENT PANEL	J/K71
Control Unit Instrument Light Control Unit Rear Spoiler	750	7bQ	IN LUGGAGE COMPARTMENT LEFT	<u>K1</u>
Control Unit Heating, Air Conditioning	9eN 7c0	9eN 7cN	UNDER THE SEAT RIGHT	P74-76
Control Unit Cruise Control	9eN	9eN	ON INTRUMENT PANEL UNDER THE SEAT RIGHT	B-F21
BUZZER CONTACT	7cP	7cM	ON IGNITION LOEK	P43/44 P56
FUEL LEVEL SENDER	5cM	5cP	IN FUEL TANK	K51
TANK VENTING VALVE	15cN	15cN	BY ENGINE TOP	H41
TEMPERATURE MOTOR	15cP	15cP	BY ENGINE LEFT	A45
VARIANT IDENTIFIKATION SWITCH	9eP	9eP	UNDER THE SEAT LEFT	<u> </u>
RESISTOR BLOWER	16dP	16dP	IN ENGINE COMPARTMENT	
RESISTOR FOR BLOWER CONDENSER	2dQ	2dQ	IN WHEEL HOUSING FRONT LEFT	M21
RESISTOR OIL CODLER BLOWER	2du 2dL	200	IN WHEEL HOUSING FRONT RIGHT	M21
WARNING BUZZER	7cP	7cP	ON INTRUMENT PANEL	J60
WIPER INTERMITTENT CONTROL RELAY	6cM	6cM		F/G75
CENTRAL ELECTRICS	6cM	6cM	IN LUGGAGE COMPARTMENT	
CENTRL INFORMER	6cP	6cP	ON STEERING COLUMN	H32,F/G/H59
GNITION CONTROL UNIT I	15cP	15cP	IN ENGINE COMPARTMENT LEFT	K41
GNITION CONTROL UNIT II	15cP	15cP	IN ENGINE COMPARTMENT LEFT	J41
GNITION COIL I	15cQ	15cQ	IN ENGINE COMPARTMENT LEFT	L41
GNITION COLL I	15cQ	15cQ		K41
ADDITIONAL CLEANING FLUID PUMP	4cM	4cQ	IN LUGGAGE COMPARTMENT	A79

А	B I	C	D	E	F	6	Н	1	К		M	N	(n	i P	
	11				•	-			••	-			, 0 1	· ·	
											······································				and the second s

Wiring 97

	T						
J	K	L	М	N	0	Р	



12

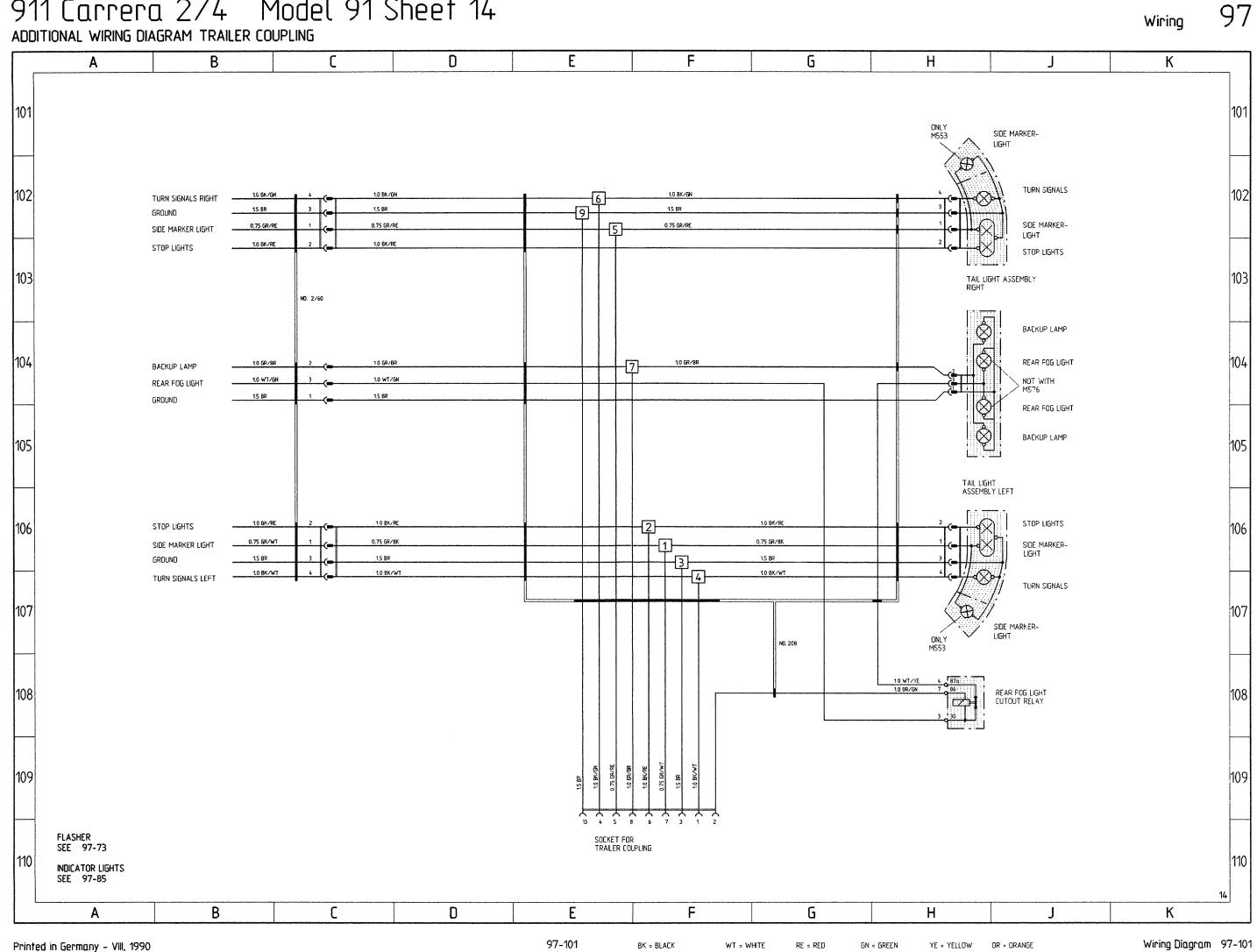
911 Carrera 2/4 Model 91 Sheet 13 PLUG CONNECTIONS, GROUND POINTS, ABBREVIATIONS

B C	U	L		G H J K L M N O
PLUG CONNECTIONS				
CODE NUMBER OF PINS DESIGNATION, FUNCTION	POSITION IN VEHICLE NOTE LEFT-HAND DRIVE RIGHT-HAND DRIVE		FIELD	M – NUMBERS
	LEFT-HAND DRIVE RIGHT-HAND DRIVE			
T1 6 Ignition Lock	6cp 6cm by Steering Col	IIMN I FFT	L48	
T2 10 ABS	6cL 6cL IN LUGGAGE COM		C36/37. K122	M 139 ADJUSTABLE SEAT HEATING, LEFT SEAT
T5 14 HEATER, AIR CONDITIONER	6cM 6cM UNDER INSTRUME		G25/26	M 193 JAPAN VERSION
T6 6 AIRBAG	7dN 7dN IN CENTRE CONSC		F/6117	M 249 AUTOMATIC TRANSMISSION
T7 14 DODR DRIVER'S SIDE	6cQ 6cL UNDER INSTRUME		A88,F88,E/F17	M 340 ADJUSTABLE SEAT HEATING, RIGHT SEAT
T8 10 DOOR DRIVER'S SIDE	6CQ 6CL UNDER INSTRUME	NT PANEL LEFT	C16,859	M 383 SPORT SEAT LEFT ELECTRIC HEIGHT ADJUSTMENT
T9 2 AIRBAG	7dN 7dN IN CENTRE CONSC		<u> </u>	M 387 SPORT SEAT RIGHT ELECTRIC HEIGHT ADJUSTMENT
T10 14 REAR WINDOW SHELF	12cl 12cl BEHIND SIDE PAN		09.N13,027,E/F73,H72	M 425 REAR WINDOW WIPER
T11 12 DOOR PASSENGER'S SIDE	6cL 6cQ UNDER INSTRUME		E14.D88.H88	M 437 COMFORT SEAT LEFT M 438 COMFORT SEAT RIGHT
T12 10 DOOR PASSENGER'S SIDE	6cL 6cQ UNDER INSTRUME			M 439 ELECTRIC CONVERTIBLE TOP
T15 6 DME	9eP 9eP UNDER THE SEAT 9eP 9eP UNDER THE SEAT		L43,C14,B53 F45/46,B55	M 454 CRUISE CONTROL
T16 14 DME	9eP 9eP UNDER THE SEAT 17dL 17dL TAIL LIGHTS RIGH		04	
T1B 2 LICENSE PLATE LIGHTS T19 2 OIL LEVEL GAGE	170L 170L 1AIL LIGHTS RIGH		E52	M 513 LUMBAR SUPPORT SEAT RIGHT M 553 USA - CANADA VERSION 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18
T20 3 GLOVE BOX LAMP AIRBAG	6cL - UNDER INSTRUME		017	M 562 AIRBAG
T20 S GOVE DOX EAH PAREAU T21 10 TAILGATE	15cL 15cL IN ENGINE COMPA		N76,013,010	M 573 AIR CONDITIONING SYSTEM
T22 4 INSIDE LIGHTS, SUN RODF	15bM 15bM BELOW THE PAR		H73,012	
T23 2 INSIDE LIGHTS CONVERTIBLE, TARGA	6CQ 6CQ UNDER INSTRUME	INT PANEL LEFT	012	M 586 LUMBAR SUPPORT SEAT LEFT
T24 2 SIDE TURN SIGNAL LEFT	7bQ 7bQ IN LUGGAGE COM			M 602 HIGH MOUNTED STOP LIGHT M 650 SUN RODF
T25 2 SIDE TURN SIGNAL RIGHT		PARTMENT ON SIDE MEMBER R		M 650 SUN RODF M 659 DN-BDARD COMPUTER
T27 2 LUGGAGE COMPARTMENT LIGHT		PARTMENT ON SIDE MEMBER R		
T30 14 NO. 16 MOTOR	16cP 16cP CARRIER PLATE I 16cP 16cP CARRIER PLATE I		N/03,J27/28,048/49,B54 D/E47,B53	
T31 12 MOTOR, DME T34 14 HEATER, AIR CONDITIONER	6CM 6CM IN LUGGAGE COM		<u>U/E47,853</u> <u>523/24</u>	
T34 14 HEATER, AIR CONDITIONER T35 12 CONVERTIBLE TOP	12cl 12cl BEHIND SIDE PAN		K73/74	
T36 6 REAR WINDOW	15bM 15bM BELOW THE PAR		09.028	
T38 7 NO.4, FRONT LIGHTS	3cL 3cL IN WHEEL HOUSIN		C5/6	
T39 5 N0.4, FRONT LIGHTS	3cl 3cl IN WHEEL HOUSIN		C6/7	
T40 30 AUTOMATIC TRANSMISSION	9eP 9eP UNDER THE SEAT		H124/125	
T41 12 AUTOMATIC TRANSMISSION	9EP 9EP UNDER THE SEAT	T LEFT	C/D50,E127	
		ABBREVIATIONS		
GROUND POINTS		ſ		
	1	CODE ME.	ANING	
CODE NDTE	POSITION IN VEHICLE			
	LEFT-HAND DRIVE	ABS ANTILO	K BRAKING SYSTEM	
			DITIONING SYSTEM	POT POTENTIOMETER
GP I LUGGAGE COMPARTMENT, WHEEL HOUSING LEFT	2cP	SS SPEED		PSD PORSCHE LIMITED SLIP DIFFERENTIAL Q
GP II LUGGAGE COMPARTMENT, WHEEL HOUSING RIGHT	<u>2cM</u>	DEF DEFROS	Ţ	RDK TIRE PRESSURE CONTROL
GP III ON FIREWALL GP IV GROUND FOR POWER CONSUMERS, UNDER SEAT LEFT			SPEED SENSOR OUTPUT	ROW REST OF WORLD
GP V ELECTRONICS, UNDER SEAT LEFT	10eP		ENGINE ELECTRONICS	RHD RIGHT-HAND DRIVE CL FLOSE
GP VI CENTRAL ELECTRICS, ON SIDE MEMBER RIGHT	6bL		C IGNITION SYSTEM WITH KNOCK CONTROL	
	7bL			SA SAUDI ARABIA
GP VII ANTENNA AMPLIFIER ON SIDE MEMBER LEFT	9aN	RA REAR A	EQUENCY	WP WELD POINT
GP VIII INSIDE LIGHT CONVERTIBLE, ROOF CENTRE FRONT				HES HEADLIGHT CLEANING SYSTEM
	11al.			
GP VIII INSIDE LIGHT CONVERTIBLE, ROOF CENTRE FRONT GP IX INSIDE LIGHT, ROOF RIGHT GP IX INSIDE LIGHT, ROOF LEFT	11aP	RL REAR U		PL PLUG
GP VIII INSIDE LIGHT CONVERTIBLE, ROOF CENTRE FRONT GP IX INSIDE LIGHT, ROOF RIGHT GP IX INSIDE LIGHT, ROOF LEFT GP X BATTERY, LUGGAGE COMPARTMENT LEFT	11¤P 3eP	RR REAR R		PL PLUS DP DISCONNECTING POINT
GP VIII INSIDE LIGHT CONVERTIBLE, ROOF CENTRE FRONT GP IX INSIDE LIGHT, ROOF RIGHT GP IX INSIDE LIGHT, ROOF LEFT GP X BATTERY, LUGGAGE COMPARTMENT LEFT GP XI GROUND STRAP (STARTER, TRANSMISSION, ENGINE, BODY)	11аР ЗеР 14сМ	RR REAR R	GHT IENT CLUSTER	DP DISCONNECTING POINT USA USA
GP VIII INSIDE LIGHT CONVERTIBLE, ROOF CENTRE FRONT GP IX INSIDE LIGHT, ROOF RIGHT GP IX INSIDE LIGHT, ROOF LEFT GP X BATTERY, LUGGAGE COMPARTMENT LEFT GP XI GROUND STRAP (STARTER, TRANSMISSION, ENGINE, BODY) GP XII ENGINE COMPARTMENT REAR LEFT	11аР ЗеР 14сМ 15с0	RR REAR R IC INSTRU TE TERMIN. SCS COMBIN	GHT IENT CLUSTER AL ID STEERING COLUMN SWITCH	DP DISCONNECTING POINT USA USA FA FRONT AXLE
GP VIII INSIDE LIGHT CONVERTIBLE, ROOF CENTRE FRONT GP IX INSIDE LIGHT, ROOF RIGHT GP IX INSIDE LIGHT, ROOF LEFT GP X BATTERY, LUGGAGE COMPARTMENT LEFT GP XI GROUND STRAP (STARTER, TRANSMISSION, ENGINE, BODY) GP XII ENGINE COMPARTMENT REAR LEFT GP XIII MOTOR LEFT	11aP 3eP 14cM 15cQ 15cO	RR REAR R IC INSTRU TE TERMIN. SCS COMBIN WL WIRING	GHT IENT CLUSTER AL ED STEERING COLUMN SWITCH LOOM	DPDISCONNECTING POINTUSAUSAFAFRONT AXLEFLFRONT LEFT
GP VIII INSIDE LIGHT CONVERTIBLE, ROOF CENTRE FRONT GP IX INSIDE LIGHT, ROOF RIGHT GP IX INSIDE LIGHT, ROOF LEFT GP X BATTERY, LUGGAGE COMPARTMENT LEFT GP XI GROUND STRAP (STARTER, TRANSMISSION, ENGINE, BODY) GP XII ENGINE COMPARTMENT REAR LEFT GP XIII MOTOR LEFT GP XIV ENGINE COMPARTMENT REAR RIGHT	11аР ЗеР 14сМ 15с0	RR REAR R IC INSTRU TE TERMIN SCS COMBIN WL WIRING LED LIGHT-E	GHT JENT CLUSTER AL ID STEERING COLUMN SWITCH LOOM MITTING DIODE	DPDISCONNECTING POINTUSAUSAFAFRONT AXLEFLFRONT LEFTFRFRONT RIGHT
GP VIII INSIDE LIGHT CONVERTIBLE, ROOF CENTRE FRONT GP IX INSIDE LIGHT, ROOF RIGHT GP IX INSIDE LIGHT, ROOF LEFT GP X BATTERY, LUGGAGE COMPARTMENT LEFT GP XI GROUND STRAP (STARTER, TRANSMISSION, ENGINE, BODY) GP XII ENGINE COMPARTMENT REAR LEFT GP XIII MOTOR LEFT	11aP 3eP 14cM 15cQ 15cO 15cL	RR REAR R IC INSTRU TE TERMIN SCS COMBIN WL WIRING LED LIGHT-E LHD LEFT-H	GHT 4ENT CLUSTER AL ED STEERING COLUMN SWITCH LOOM MITTING DIODE AND DRIVE	DPDISCONNECTING POINTUSAUSAFAFRONT AXLEFLFRONT LEFTFRFRONT RIGHTCPCONNECTING POINT
GP VIII INSIDE LIGHT CONVERTIBLE, ROOF CENTRE FRONT GP IX INSIDE LIGHT, ROOF RIGHT GP IX INSIDE LIGHT, ROOF LEFT GP X BATTERY, LUGGAGE COMPARTMENT LEFT GP XI GROUND STRAP (STARTER, TRANSMISSION, ENGINE, BODY) GP XII ENGINE COMPARTMENT REAR LEFT GP XIII MOTOR LEFT GP XIV ENGINE COMPARTMENT REAR RIGHT GP XIV INSTRUMENTS, SIDE MEMBER LEFT	11aP 3eP 14cM 15cQ 15cO 15cL 7bQ	RR REAR R IC INSTRU TE TERMIN SCS COMBIN WL WIRING LED LIGHT-E LHD LEFT-H GP GROUND	GHT 4ENT CLUSTER AL 10 STEERING COLUMN SWITCH 100M MITTING DIODE AND DRIVE POINT	DPDISCONNECTING POINTUSAUSAFAFRONT AXLEFAFRONT AXLEFRFRONT LEFTFRFRONT RIGHTCPCONNECTING POINTWWWORLDWIDE
GP VIII INSIDE LIGHT CONVERTIBLE, ROOF CENTRE FRONT GP IX INSIDE LIGHT, ROOF RIGHT GP IX INSIDE LIGHT, ROOF LEFT GP X BATTERY, LUGGAGE COMPARTMENT LEFT GP XI GROUND STRAP (STARTER, TRANSMISSION, ENGINE, BODY) GP XII ENGINE COMPARTMENT REAR LEFT GP XIII ENGINE COMPARTMENT REAR LEFT GP XIII MOTOR LEFT GP XIV ENGINE COMPARTMENT REAR RIGHT GP XVI ENGINE DLEAD REAR LEFT GP XVI COMBINED LEAD REAR LEFT GP XVII COMBINED LEAD REAR RIGHT GP XVII COMBINED LEAD REAR RIGHT GP XVIII COMBINED LEAD REAR RIGHT GP XVIII COMBINED LEAD FRONT RIGHT	11aP 3eP 14cM 15c0 15c0 15c1 7b0 13dP 13dP 12dM 4cM	RR REAR R IC INSTRU TE TERMIN SCS COMBIN WL WIRING LED LIGHT-E LHD LEFT-H GP GROUND LF LOW FR	GHT 4ENT_CLUSTER AL ED_STEERING_COLUMN_SWITCH LOOM MITTING_DIODE AND_DRIVE POINT EQUENCY	DPDISCONNECTING POINTUSAUSAUSAFRONT AXLEFAFRONT AXLEFRFRONT LEFTFRFRONT RIGHTCPCONNECTING POINTWWWORLDWIDECESEENTRAL ELECTRICS
GP VIII INSIDE LIGHT CONVERTIBLE, ROOF CENTRE FRONT GP IX INSIDE LIGHT, ROOF RIGHT GP IX INSIDE LIGHT, ROOF LEFT GP X BATTERY, LUGGAGE COMPARTMENT LEFT GP XI GROUND STRAP (STARTER, TRANSMISSION, ENGINE, BODY) GP XII ENGINE COMPARTMENT REAR LEFT GP XIII MOTOR LEFT GP XIV ENGINE COMPARTMENT REAR RIGHT GP XIV ENGINE COMPARTMENT REAR RIGHT GP XVI ENGINE LEAD REAR LEFT GP XVI COMBINED LEAD REAR LEFT GP XVII COMBINED LEAD REAR RIGHT GP XVII COMBINED LEAD REAR RIGHT GP XVII COMBINED LEAD FRONT RIGHT GP XVIII COMBINED LEAD FRONT RIGHT GP XXII COMBINED LEAD FRONT RIGHT GP XIX COMBINED LEAD FRONT LEFT	11aP 3eP 14cM 15c0 15c0 15cl 7b0 13dP 12dM 4cP	RR REAR R IC INSTRU TE TERMIN SCS COMBIN WL WIRING LED LIGHT-E LHD LEFT-H GP GROUND LF LOW FR FDG FOG LIG	GHT AENT CLUSTER AL ID STEERING COLUMN SWITCH LOOM MITTING DIODE AND DRIVE POINT EQUENCY HT	DPDISCONNECTING POINTUSAUSAUSAUSAFAFRONT AXLEFLFRONT LEFTFRFRONT RIGHTCPCONNECTING POINTWWWORLDWIDEVWWORLDWIDECESLENTRAL ELECTRICSADLADDITIONAL DRIVING LIGHTS
GP VIII INSIDE LIGHT CONVERTIBLE, ROOF CENTRE FRONT GP IX INSIDE LIGHT, ROOF RIGHT GP IX INSIDE LIGHT, ROOF LEFT GP X BATTERY, LUGGAGE COMPARTMENT LEFT GP XI GROUND STRAP (STARTER, TRANSMISSION, ENGINE, BODY) GP XII ENGINE COMPARTMENT REAR LEFT GP XIII MOTOR LEFT GP XIII MOTOR LEFT GP XVII ENGINE COMPARTMENT REAR RIGHT GP XVI ENGINE COMPARTMENT REAR RIGHT GP XVI ENGINE LEAD REAR LEFT GP XVII COMBINED LEAD REAR RIGHT GP XVII COMBINED LEAD REAR RIGHT GP XVIII COMBINED LEAD FRONT RIGHT GP XVIII COMBINED LEAD FRONT RIGHT GP XXX SEAT CROSS MEMBER, UNDER SEAT RIGHT	11aP 3eP 14cM 15c0 15c0 15c0 15cl 7b0 13dP 12dM 4cP 8eL	RR REAR R IC INSTRU TE TERMIN SCS COMBIN WL WIRING LED LIGHT-E LHD LEFT-H GP GROUND LF LOW FR	GHT IENT CLUSTER AL ID STEERING COLUMN SWITCH LOOM MITTING DIODE AND DRIVE POINT EQUENCY HT	DPDISCONNECTING POINTUSAUSAUSAFRONT AXLEFAFRONT AXLEFRFRONT LEFTFRFRONT RIGHTCPCONNECTING POINTWWWORLDWIDECESEENTRAL ELECTRICS
GP VIII INSIDE LIGHT CONVERTIBLE, ROOF CENTRE FRONT GP IX INSIDE LIGHT, ROOF RIGHT GP IX INSIDE LIGHT, ROOF LEFT GP X BATTERY, LUGGAGE COMPARTMENT LEFT GP XI GROUND STRAP (STARTER, TRANSMISSION, ENGINE, BODY) GP XII ENGINE COMPARTMENT REAR LEFT GP XIII MOTOR LEFT GP XIII MOTOR LEFT GP XVI ENGINE COMPARTMENT REAR RIGHT GP XVI ENGINE COMPARTMENT REAR RIGHT GP XVI ENGINE DLEAD REAR LEFT GP XVI COMBINED LEAD REAR LEFT GP XVII COMBINED LEAD REAR RIGHT GP XVIII COMBINED LEAD REAR RIGHT GP XVIII COMBINED LEAD REAR RIGHT GP XVIII COMBINED LEAD FRONT LEFT GP XXII COMBINED LEAD FRONT LEFT GP XX SEAT CROSS MEMBER, UNDER SEAT RIGHT GP XXI GROUND FOR POWER CONSUMERS, CONNECTION CRANK CASE	11aP 3eP 14cM 15c0 15c0 15cl 7b0 13dP 12dM 4cP 8eL 16cN0	RR REAR R IC INSTRU TE TERMIN SCS COMBIN WL WIRING LED LIGHT-E LHD LEFT-H GP GROUND LF LOW FR FDG FOG LIG NO NUMBER RFL REAR F	GHT IENT CLUSTER AL ID STEERING COLUMN SWITCH LOOM MITTING DIODE AND DRIVE POINT EQUENCY HT	DPDISCONNECTING POINTUSAUSAUSAUSAFAFRONT AXLEFLFRONT LEFTFRFRONT RIGHTCPCONNECTING POINTWWWORLDWIDEVWWORLDWIDECESLENTRAL ELECTRICSADLADDITIONAL DRIVING LIGHTS
GP VIII INSIDE LIGHT CONVERTIBLE, ROOF CENTRE FRONT GP IX INSIDE LIGHT, ROOF RIGHT GP IX INSIDE LIGHT, ROOF LEFT GP X BATTERY, LUGGAGE COMPARTMENT LEFT GP XI GROUND STRAP (STARTER, TRANSMISSION, ENGINE, BODY) GP XII ENGINE COMPARTMENT REAR LEFT GP XIII MOTOR LEFT GP XIII MOTOR LEFT GP XVII ENGINE COMPARTMENT REAR RIGHT GP XVI ENGINE COMPARTMENT REAR RIGHT GP XVI ENGINE LEAD REAR LEFT GP XVII COMBINED LEAD REAR RIGHT GP XVII COMBINED LEAD FRONT RIGHT GP XVIII COMBINED LEAD FRONT RIGHT GP XVIII COMBINED LEAD FRONT RIGHT GP XXX SEAT CROSS MEMBER, UNDER SEAT RIGHT	11aP 3eP 14cM 15c0 15c0 15c0 15cl 7b0 13dP 12dM 4cP 8eL	RR REAR R IC INSTRU TE TERMIN SCS COMBIN WL WIRING LED LIGHT-E LHD LEFT-H GP GROUND LF LOW FR FDG FOG LIG NO NUMBER RFL REAR F	GHT IENT CLUSTER AL ID STEERING COLUMN SWITCH LOOM MITTING DIODE AND DRIVE POINT EQUENCY HT SOG LIGHT	DPDISCONNECTING POINTUSAUSAUSAUSAFAFRONT AXLEFLFRONT LEFTFRFRONT RIGHTCPCONNECTING POINTWWWORLDWIDEVWWORLDWIDECESLENTRAL ELECTRICSADLADDITIONAL DRIVING LIGHTS

•

CODE	NDTE		Position in vehic Left-hand drive
GP 1	LUGGAGE COMPARTMENT, WHEEL H	ousing left	2cP
GP II	LUGGAGE COMPARTMENT, WHEEL H	ousing Right	2cM
GP III	ON FIREWALL		
GP IV	GROUND FOR POWER CONSUMERS, L	JNDER SEAT LEFT	11eP
GP V	ELECTRONICS, UNDER SEAT LEFT		10eP
GP VI	CENTRAL ELECTRICS, ON SIDE MEME	BER RIGHT	<u>6bL</u>
GP VII	ANTENNA AMPLIFIER ON SIDE MEMB	ER LEFT	7bL
GP VIII	INSIDE LIGHT CONVERTIBLE, ROOF C	ENTRE FRONT	9aN
GP IX	INSIDE LIGHT, ROOF RIGHT		11al.
GP IX	INSIDE LIGHT, ROOF LEFT		11aP
GP X	BATTERY, LUGGAGE COMPARTMENT	I LEFT	3eP
GP XI	GROUND STRAP (STARTER, TRANSP	ISSION, ENGINE, BODY)	14cM
GP XII	ENGINE COMPARTMENT REAR LEFT		15c0
GP XIII	MOTOR LEFT		15r0
GP XIV	ENGINE COMPARTMENT REAR RIGHT		15cL
GP XV	INSTRUMENTS, SIDE MEMBER LEFT		7bQ
GP XVI	COMBINED LEAD REAR LEFT		13dP
GP XVII	COMBINED LEAD REAR RIGHT		12dM
GP XVIII	COMBINED LEAD FRONT RIGHT		4cM
GP XIX	COMBINED LEAD FRONT LEFT		4cP
GP XX	SEAT CROSS MEMBER, UNDER SEAT	RIGHT	8eL
GP XXI	GROUND FOR POWER CONSUMERS, C	ONNECTION CRANK CASE	16cN0
GP XXII	ELECTRONICS, CONNECTION CRANK O	[ASE	16cND

E	F	:	G	Н	J	K	L	M	N	0	Р
				-							
		FIELD]	м	- NUMBERS			,			
		FIELU		M	- NUMBERS						
		L48	4								
DLUMN LEFT 1PARTMENT RIGHT		C36/37, K122	-	M 1	39 ADJUSTABLE SEAT HEATING, LEFT	SEAT					
ent Panel Right		G25/26		M 1	93 Japan Version 49 Automatic Transmission						
SOLE IENT PANEL LEFT		F/G117 A88.F88.E/F17	-	M 3		T SEAT					
ENT PANEL LEFT		C16,B59	- -	M							
IOLE NEL COVERING		G117 09,N13,027,E/F73,H72	-	M 3 M 4	87 SPORT SEAT RIGHT ELECTRIC HEIGI 25 REAR WINDOW WIPER	HI ADJUSTMENT					
IENT PANEL RIGHT		E14,088,H88		M 4	37 COMFORT SEAT LEFT						
ENT PANEL RIGHT		[14	4	M 4 M 4							
AT LEFT		L43.C14.B53 F45/46,B55	1	M 4	54 CRUISE CONTROL			1 4 4 L 2 L	1 5 F F F F	4 1 1 1 1 1 1	
iHT		04	4	M 5 M 5			1 2 3	4 5 6 7 8	9 10 11 12 13 14	15 16 17 18	
ARTMENT RIGHT		E52 017	-	M 5							
ARTMENT RIGHT		N76,013,010]		73 Air conditioning system 76 Without Rear Fog Light		<u> </u>		/ /	b	
RCEL TRAY IENT PANEL LEFT		H73,012 012	4		86 LUMBAR SUPPORT SEAT LEFT						-
19 ARTMENT ON SIDE M		D/E9	-	ME							
<u>"PARTMENT ON SIDE M</u> "PARTMENT ON SIDE M		C2 016	-	M 6 M 6	50 SUN RODF 59 ON-BOARD COMPUTER					b	
IN ENGINE COMPARTME		N/03,J27/28,048/49,B54	1				e <u> </u>			е	
IN ENGINE COMPARTME	ENT	D/E47,853 523/24	-								
NEL COVERING		K73/74									
REEL TRAY		09,028	-								
ING FRONT RIGHT	<u></u>	C5/6 C6/7	-				K			К	
AT LEFT		H124/125	-				n l				
AT LEFT		C/D50.E127	_						<u><u></u>} } }</u>		-
ABBREVIATIO	ONS						M				
CODE	MEANING		CODE	MEANING			N			N	_
				· · · · · · · · · · · · · · · · · · ·			0			0	
ABS	ANTILOCK BRAKING SYSTEM		PIN	PIN			P			P	
AC SS	AIR CONDITIONING SYSTEM SPEED SENSOR		POT PSD	Potentiometer Porsche limited slip differi	ENTIAL					Q	
DEF	DEFROST		RDK	TIRE PRESSURE CONTROL			R		╾┼╾┼╴╫╴┼╴╴	R	
ESO DME	ENGINE-SPEED SENSOR OUTF DIGITAL ENGINE ELECTRONICS		ROW RHD	REST OF WORLD RIGHT-HAND DRIVE							
EZK	ELECTRIC IGNITION SYSTEM	WITH KNOCK CONTROL	CL	CLOSE			1 2 3	4 5 6 / 8	9 10 11 12 13 14		
FCU RA	FREQUENCY CONVERTER UNI REAR AXLE	T	SA CU	SAUDI ARABIA							
HF	HIGH FREQUENCY		WP	Weld Point							
RL	REAR LEFT REAR RIGHT	a da na antar da ancara da fara da	HCS PL	HEADLIGHT ELEANING SYSTEM							
<u> </u>			DP	DISCONNECTING POINT							
ТЕ	TERMINAL		USA	USA							
SES WL	Combined Steering Column Wiring Loom	N SWIILH	FA FL	FRONT AXLE FRONT LEFT							
LED	LIGHT-EMITTING DIODE		FR	FRONT RIGHT							
LHD GP	LEFT-HAND DRIVE GROUND POINT		CP WW	CONNECTING POINT WORLDWIDE							
	LOW FREQUENCY		CES	CENTRAL ELECTRICS							
	FOG LIGHT		ADL	ADDITIONAL DRIVING LIGHTS							
NO RFL	NUMBER		CLS	CENTRAL LOCKING SYSTEM							
NTC	NEGATIVE TEMPERATURE CO	DEFFICIENT								·	13
	OPEN			<u> </u>		•					
E	F	-	<u> </u>	<u> </u>	J	<u> </u>	<u> </u>	M	<u>N</u>	0	P



GR = GREY

BR = BROWN

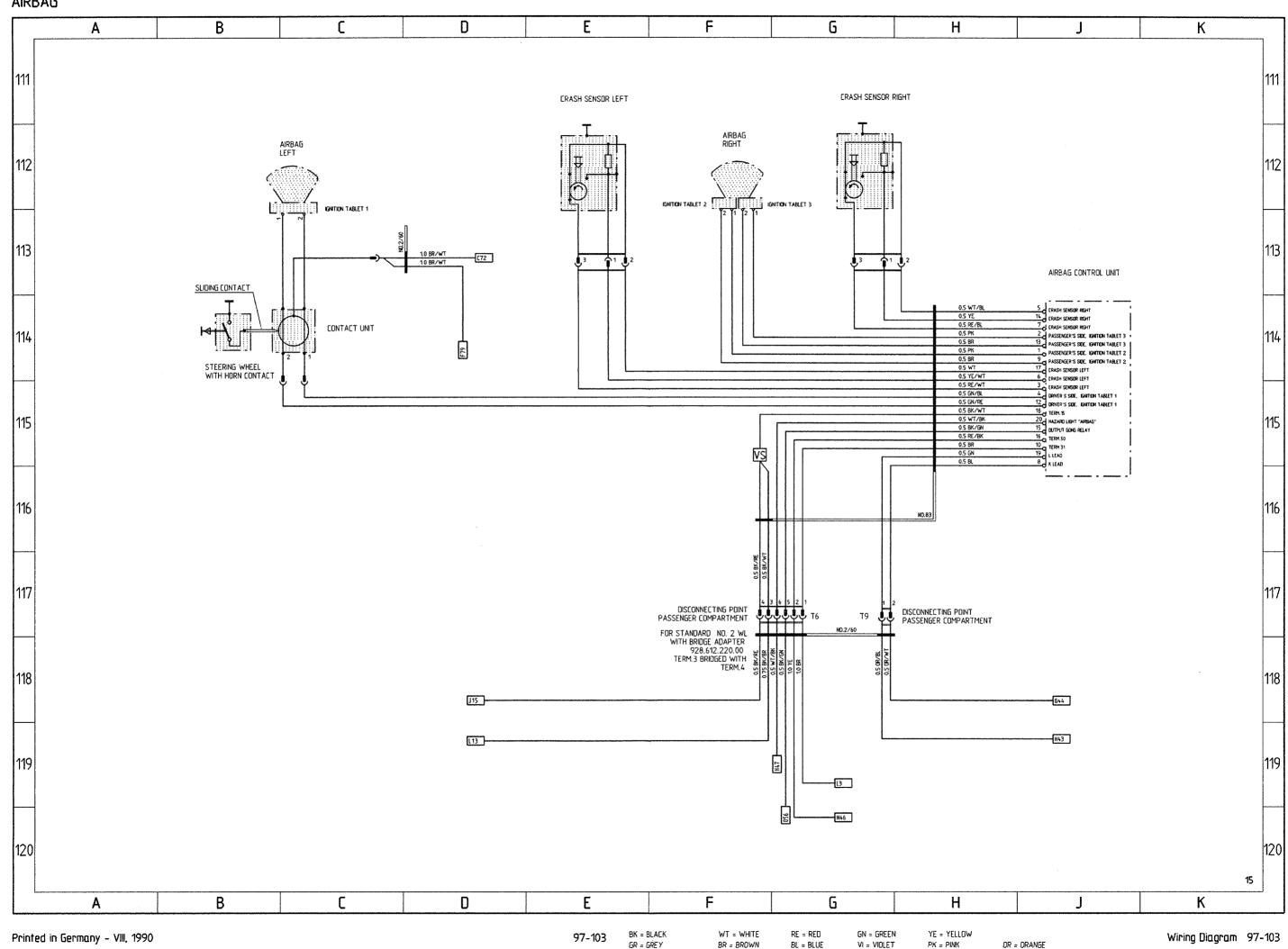
BL = BLUE

PK = PINK

VI = VIOLET

911 Carrera 2/4 Model 91 Sheet 14

911 Carrera 2/4 Model 91 Sheet 15 AIRBAG



Printed in Germany - VIII, 1990

97-103

GR = GREY

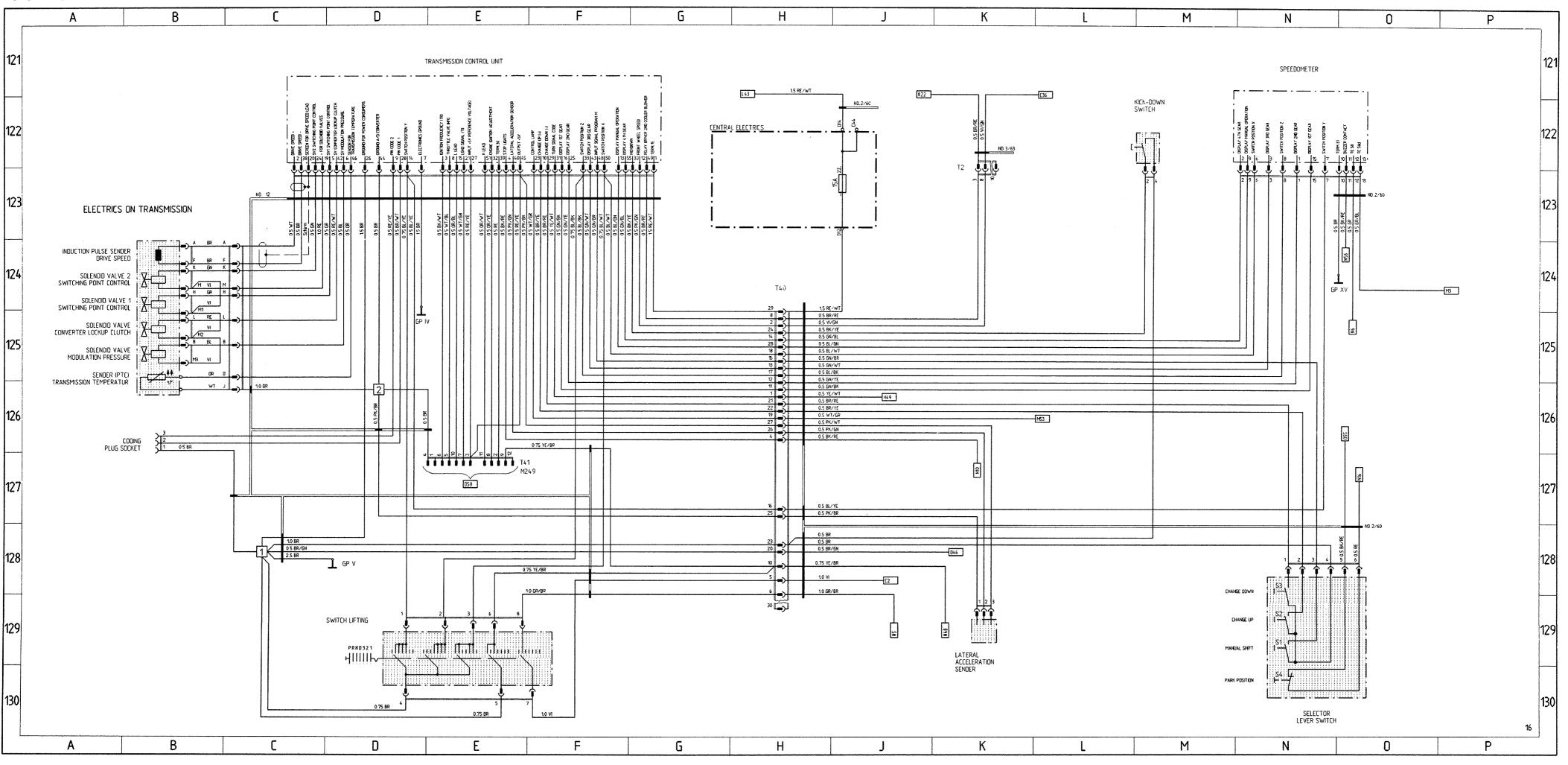
BL = BLUE VI = VIOLET

97

BR = BROWN

911 Carrera 2 Model 91 Sheet 16

AUTOMATIC TRANSMISSION





Changes to the circuit diagram for the 911 Carrera 2/4, models 89, 90

Sheet 5, D 50

Within the update, ground points for the DME control unit were marked incorrectly. 2.5 mm² lead, brown, to ground point XXI. 1.5 mm² lead, brown, to ground point XXII.

Changes to the circuit diagram for the 911 Carrera 2/4 models 90, 91

Sheet 8, O/P 71/72 and L/M 79

The zero travel, convertible top operation, top left-hand, top right-hand microswitches are drawn in the "open" position in the wiring diagrams. They are designed as normally closed switches, however; refer to model 92.

Please alter the circuit diagrams accordingly.

Wiring Diagram Type 911 Carrera 2 and 4 Model 92

The wiring diagram consists of *17 individual wiring diagrams*, **1** sheet *construction components* and 1 sheet *plug connections and ground points*. These are divided into coordinate fields.

Each individual wiring diagram contains a part of the central-electrics box in a dashdotted frame.

This part of the central-electrics box shows all the lines and relays necessary for the individual wiring diagram.

The earth/ground points are identified by "MP" and their location is shown in a vehicle diagram.

The 10-pin connectors on the central-electrics box are clipped together out of 3 parts, the 20-pin connectors are clipped together out of 5 parts.

Part 1, with the moduled-on fastening lug, is the "starting element".

Parts 2,3 and 4 are "module elements".

The 10-pin connectors only contents one "module element".

Start- and module elements are identified by the numbers 1.....5.

Part 5 ist a "coding element".

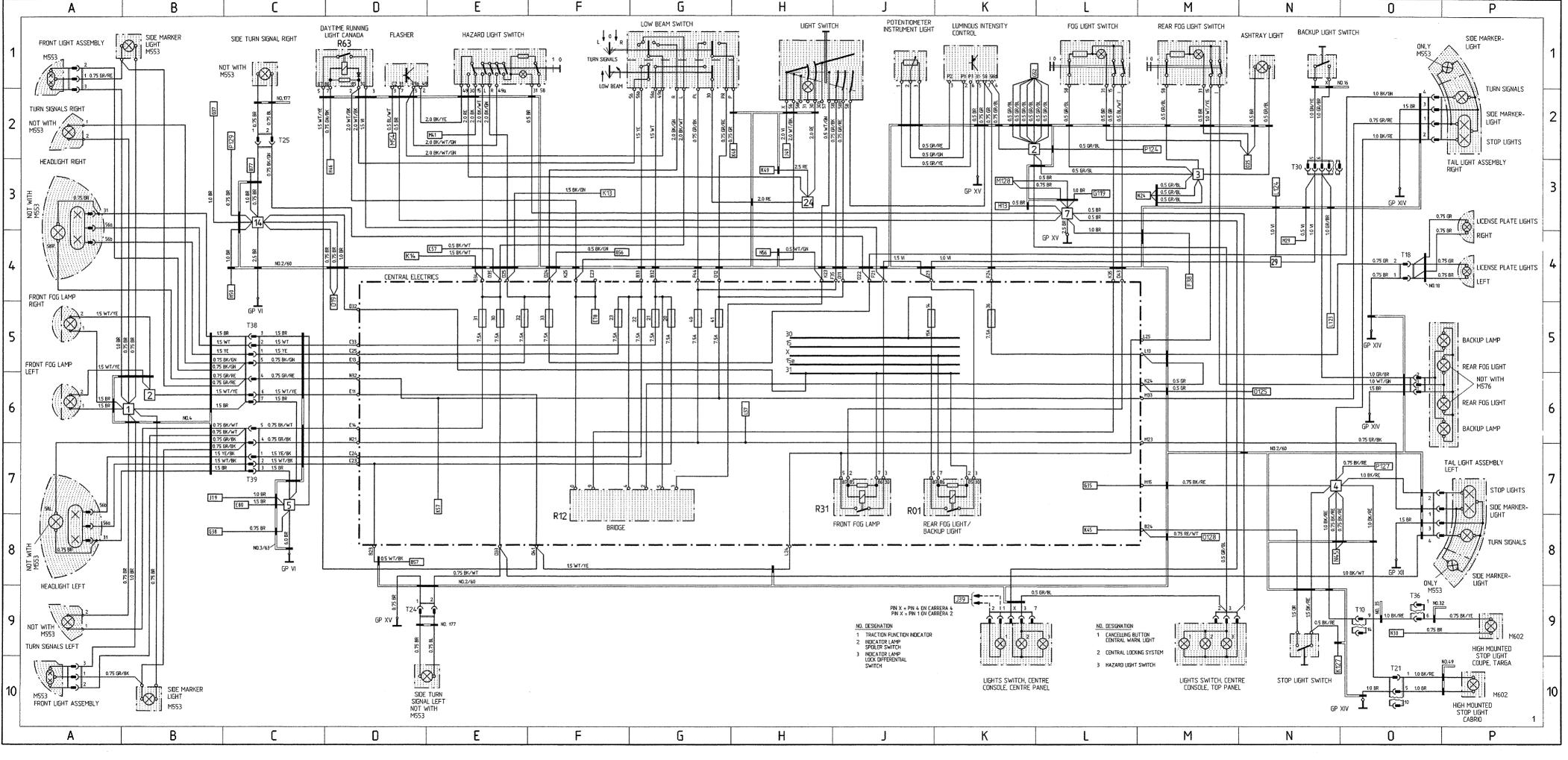
The designations of the plug connections in the wiring diagram refer to the "starting element" from, for example, B 11......15, and to the first module element from B 21.....25.

Wiring Diagram Type 911 Carrera 2 and 4 Model 92

Coordinates

Sheet	1	1 - 10	Lights
Sheet	2	11 - 20	Alarm System, Central Locks, Mirror, Power Window Regulator, Inside Lights
Sheet	3	21 - 30	Heater, AC, Coolant Fan, Rear Window Defogger
Sheet	4	31 - 40	ABS, Porsche Dynamic AWD Control (Carrera 4)
Sheet	4a	31 - 40	ABS (Carrera 2)
Sheet	4b		ABS Turbo look (Carrera 2)
Sheet	5	41 - 50	Motor, Ignition, Cruise Control
Sheet	6	51 - 60	Instruments, Sender, Central Informer, On- board computer
Sheet	7	61 - 70	Seats
Sheet	8	71 - 80	Rear Spoiler, Two-Tone Horns, Wipe- and Wash Cleaners, Sun Roof, Convertible Top
Sheet	9	81 - 90	Radio, Telephone
Sheet 1	10	91 - 100	Fog Light, Rear Fog Light
Sheet 11			Central Electric
Sheet 12			Construction Components
Sheet 13			Plug Connections, Ground Points, M-Numbers, Abbreviations
Sheet 1	14	101 - 110	Trailer Coupling
Sheet 15		111 - 120	Airbag
Sheet 1	16	121 - 130	Tiptronic (Carrera 2)
Sheet 1	17	131 - 140	911 Carrera RS

911 Carrera 2/4 MODEL 92 SHEET 1

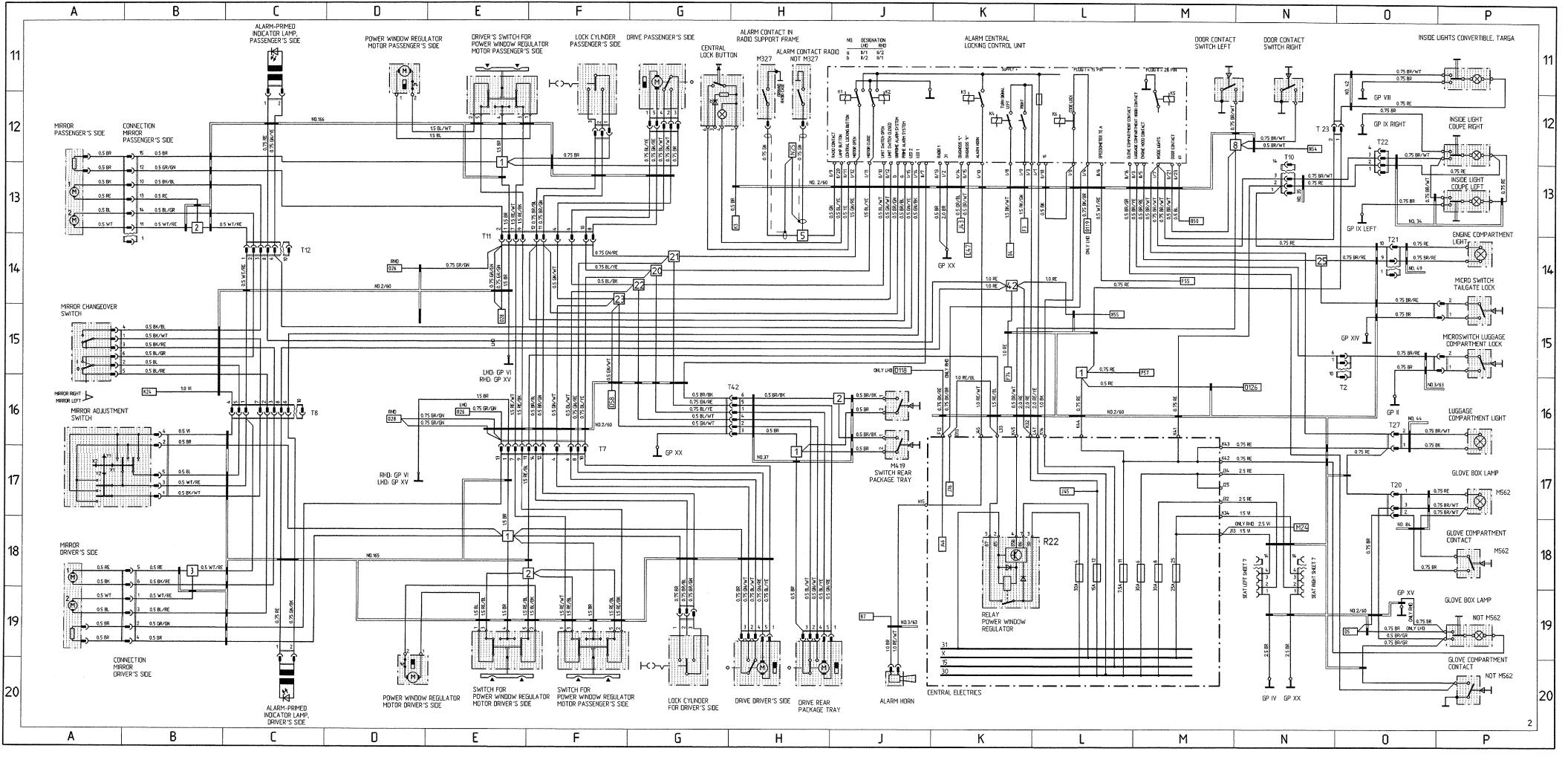


GR = GREY BR = B

BLUE VI = VIOLET

911 Carrera 2/4 MODEL 92 SHEET 2

ALARM SYSTEM, CENTRAL LOCKING SYSTEM , MIRROR, POWER WINDOW REGULATOR , INSIDE LIGHTS



GN = GREEN

BK = BLACK

WT = WHITF

wiring 97

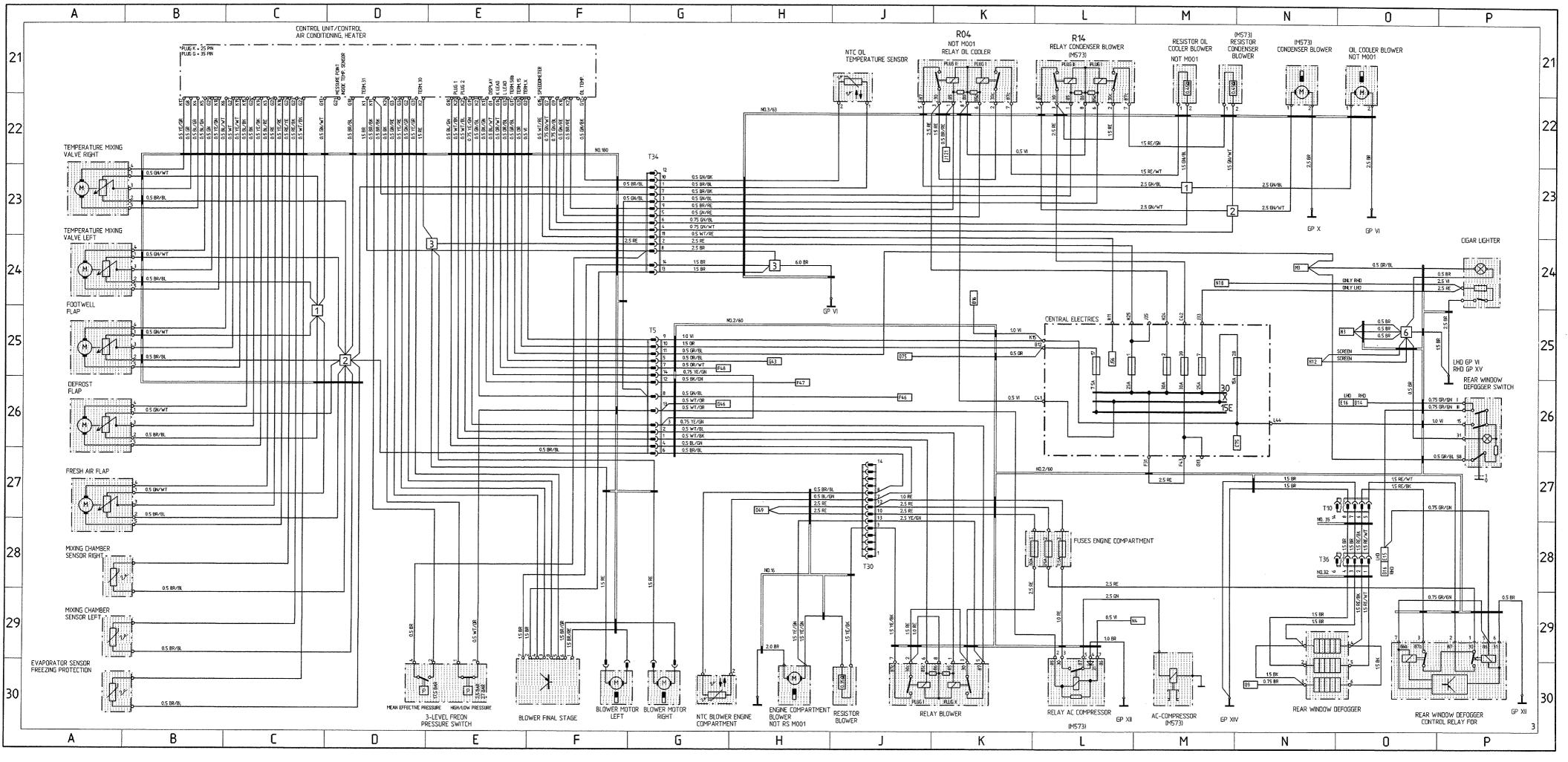
GR ≈ GREY

VI = VIOLET

PK = PINK

OR = ORANGE

911 Carrera 2/4 MODEL 92 SHEET 3 HEATER,AC



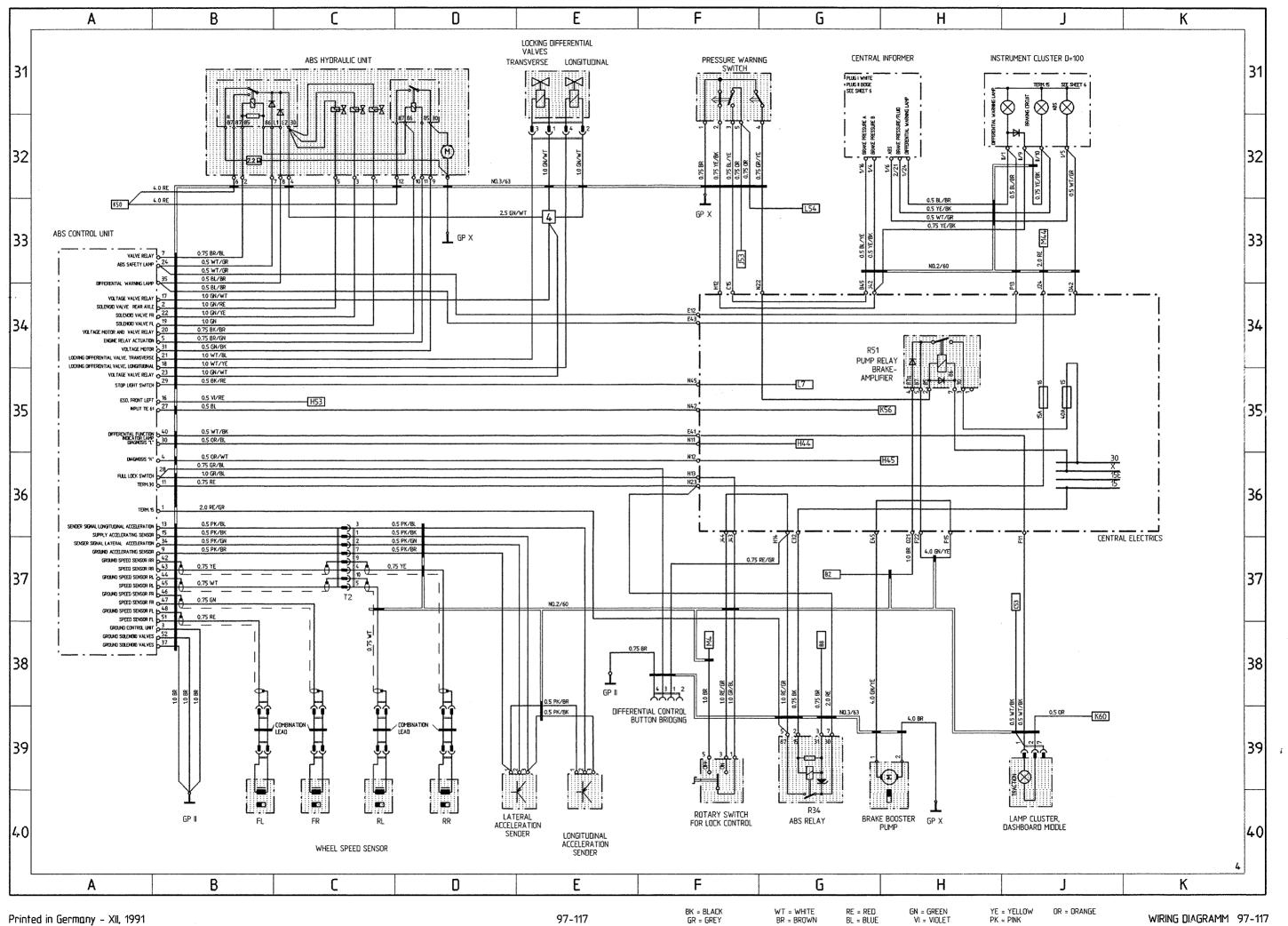
BK = BLACK WT = WHITE

YE = YELLOW GR

wiring 97

911 Carrera 4 MODEL 92 SHEET 4

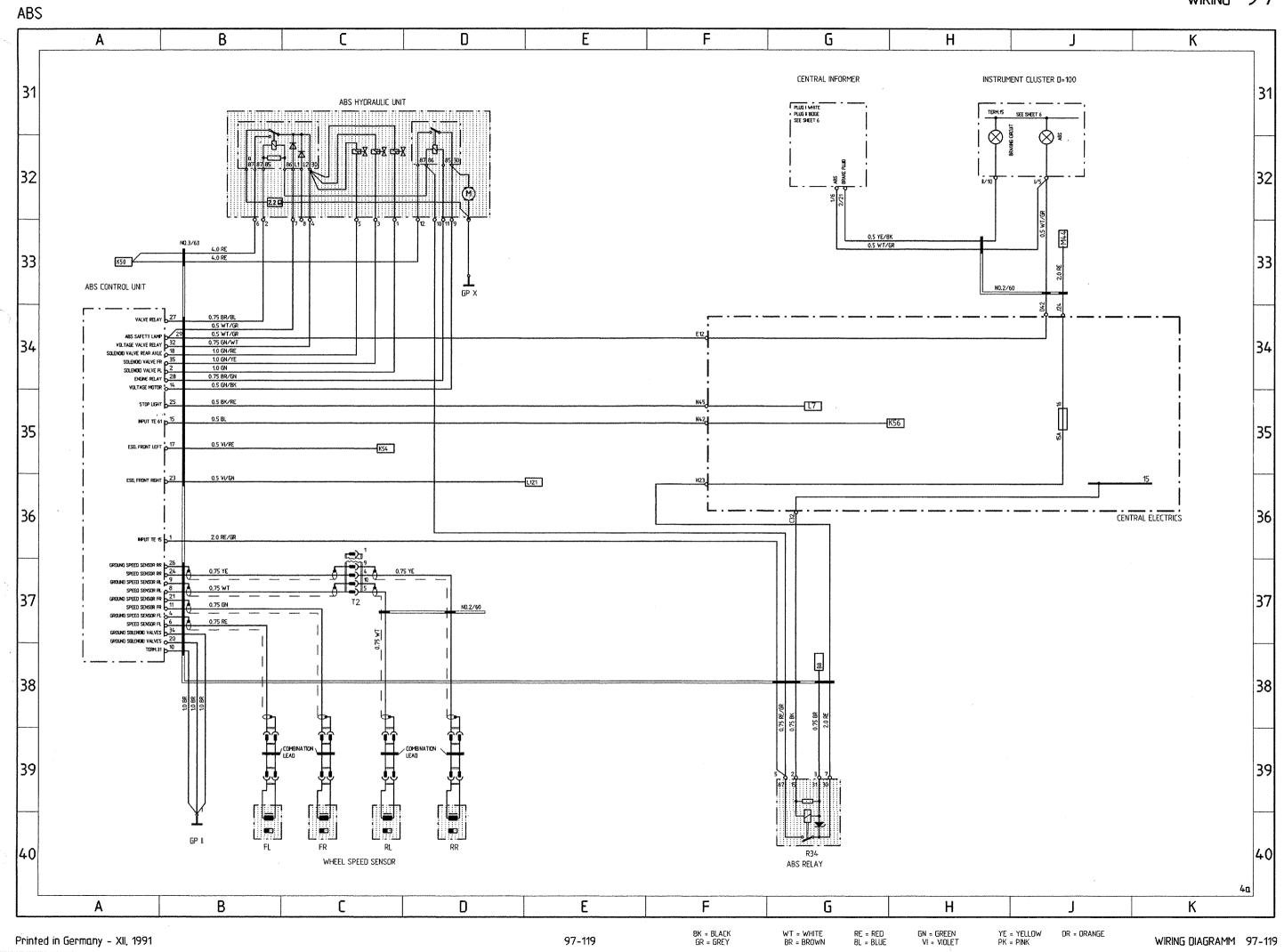
ABS, PORSCHE DYNAMIC AWD CONTROL



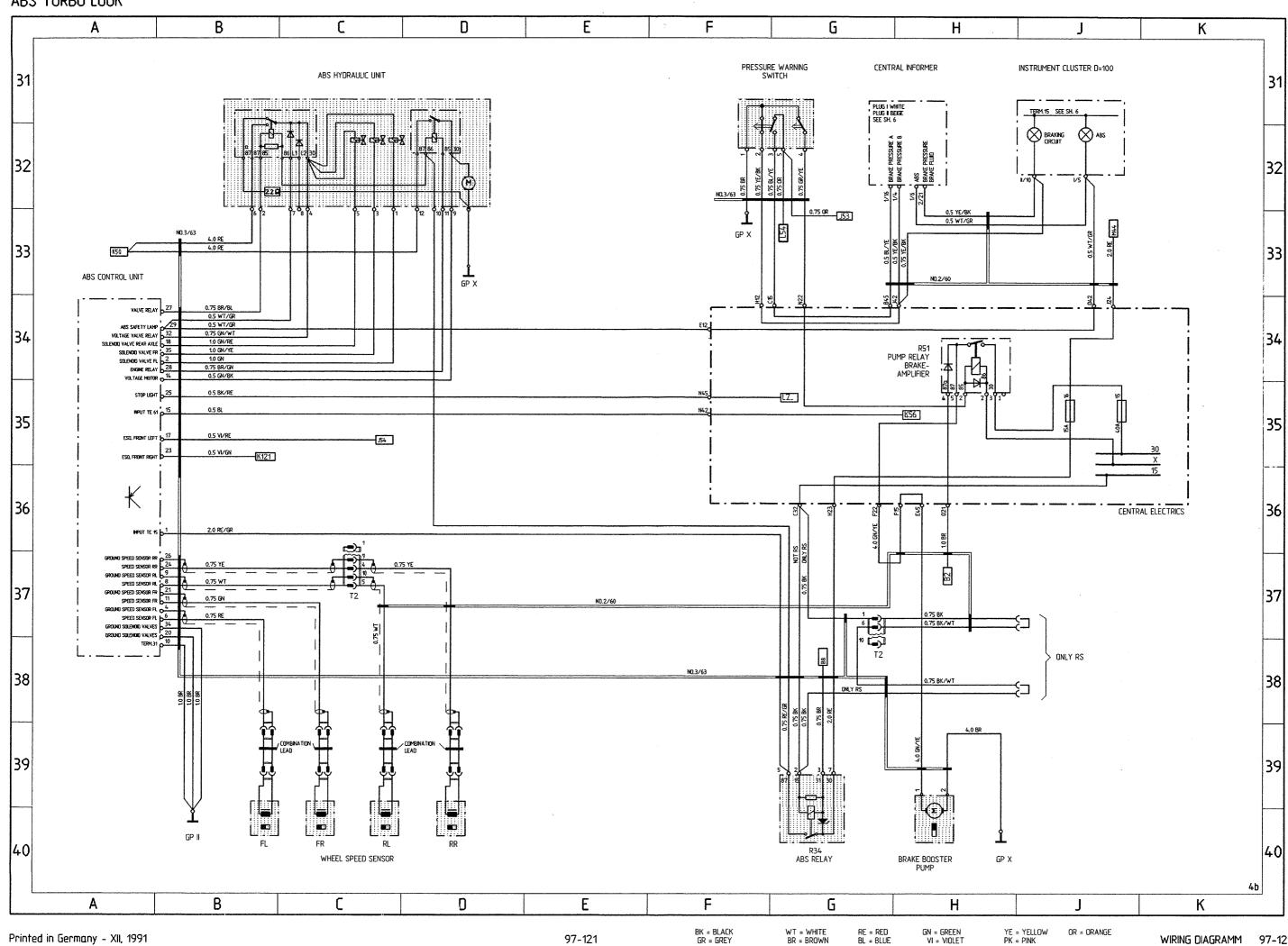
WIRING DIAGRAMM 97-117

wiring 97

911 Carrera 2 MODEL 92 SHEET 4A



911 Carrera 2 MODEL 92 SHEET 4B ABS TURBO LOOK



Printed in Germany – XII, 1991

97-121

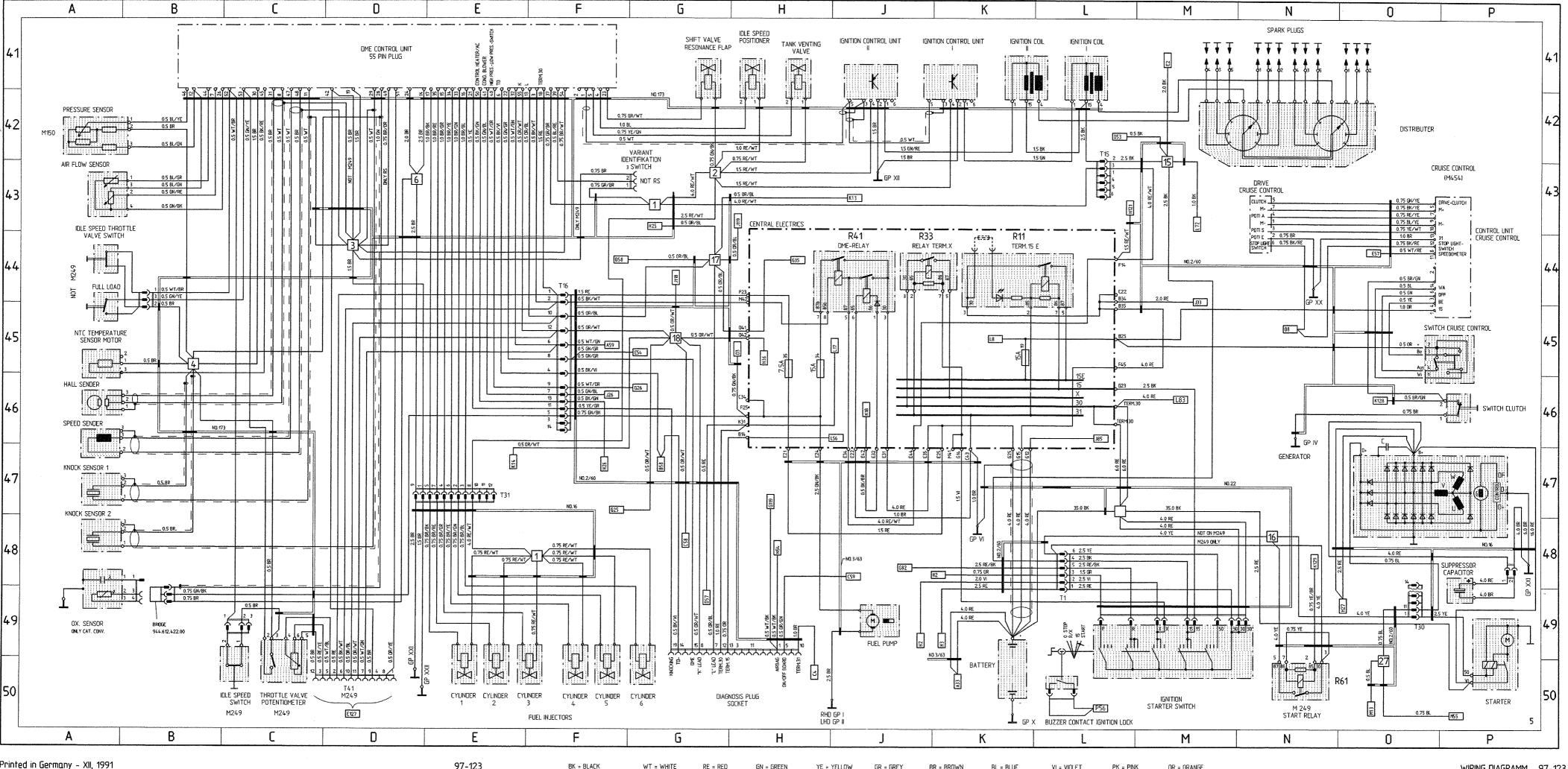
WIRING DIAGRAMM 97-121

WIRING

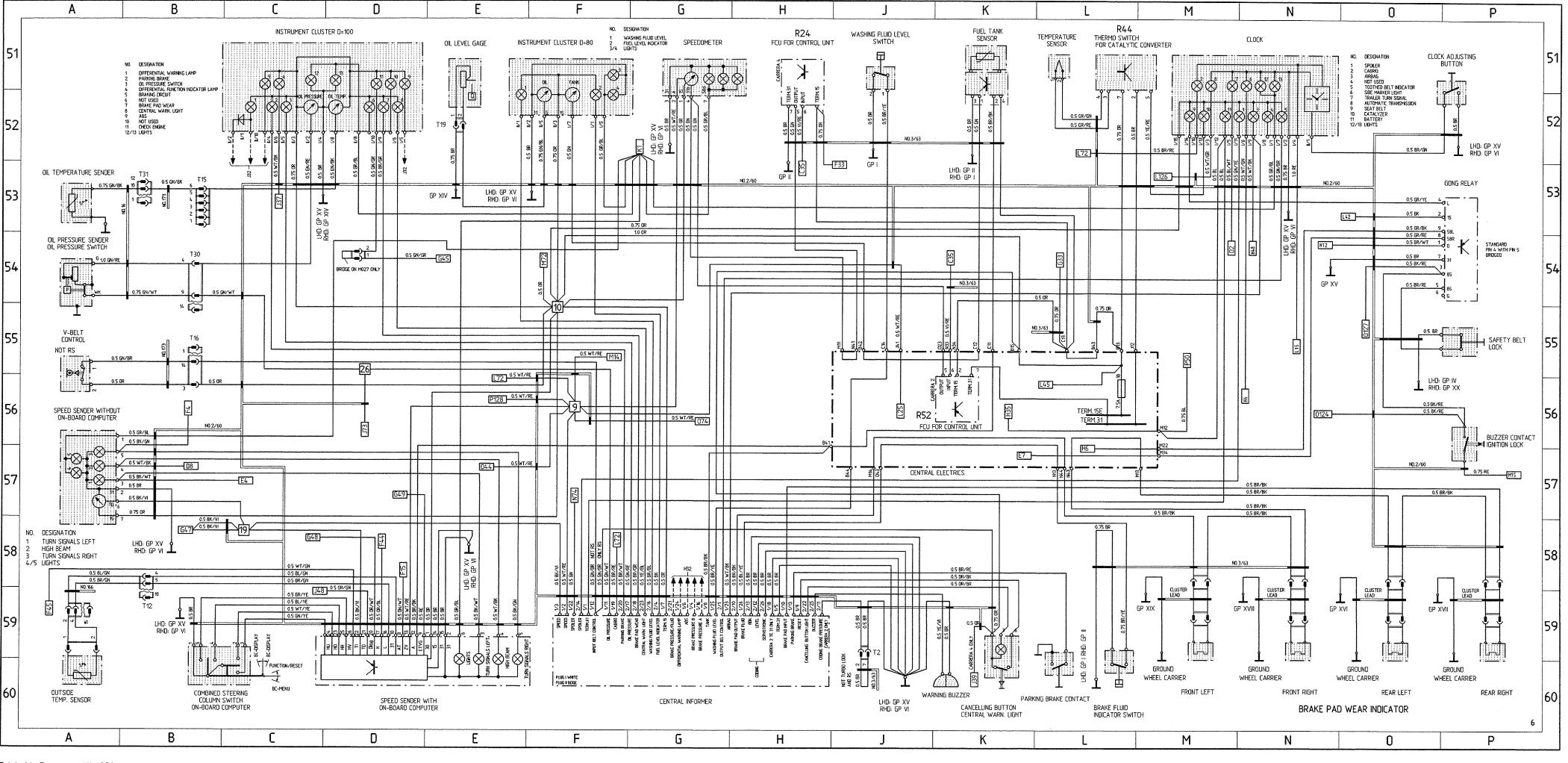
97

911 Carrera 2/4 MODEL 92 SHEET 5



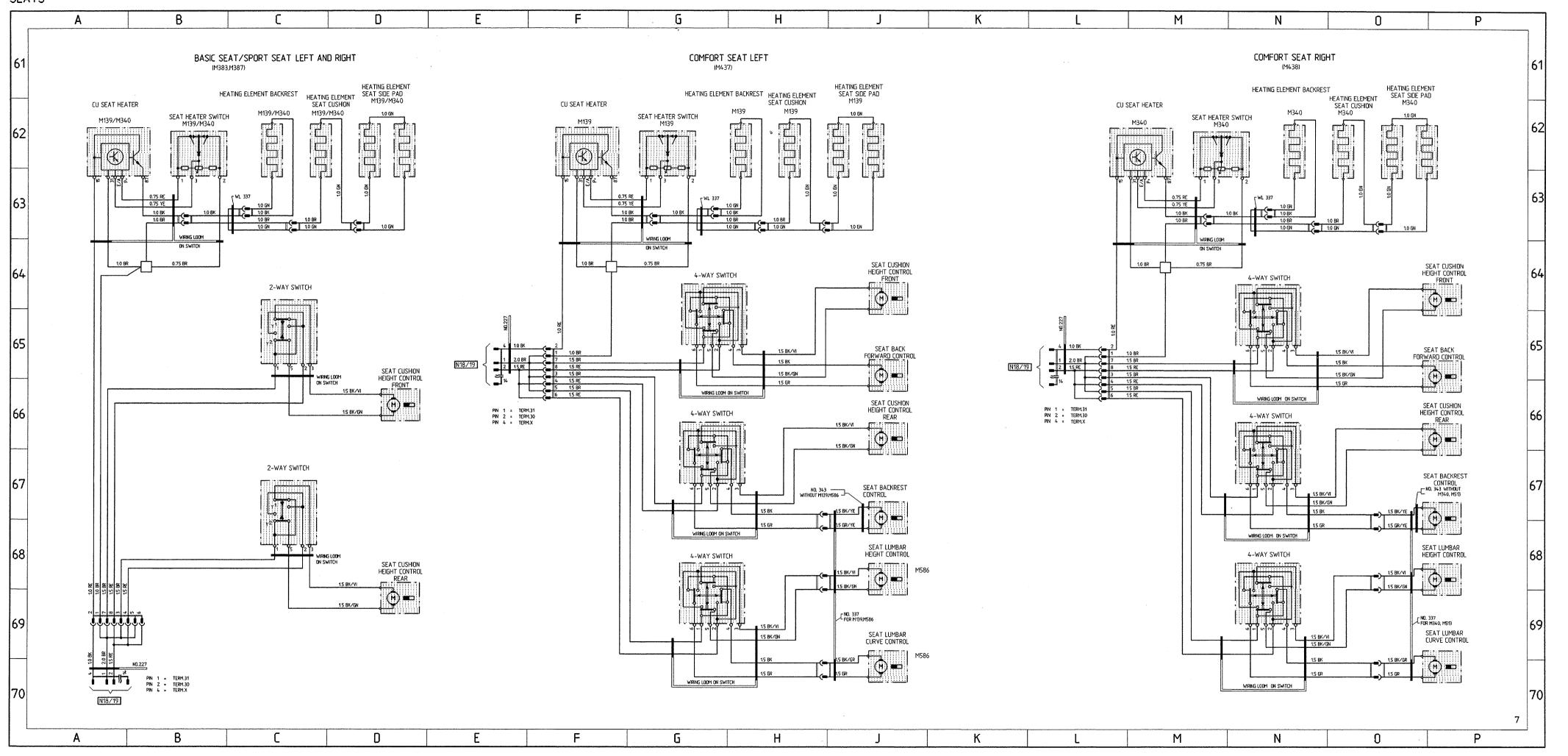


911 Carrera 2/4 MODEL 92 SHEET 6 INSTRUMENTS AND SENDER



BK = BLACK

911 Carrera 2/4 MODEL 92 SHEET 7 SEATS

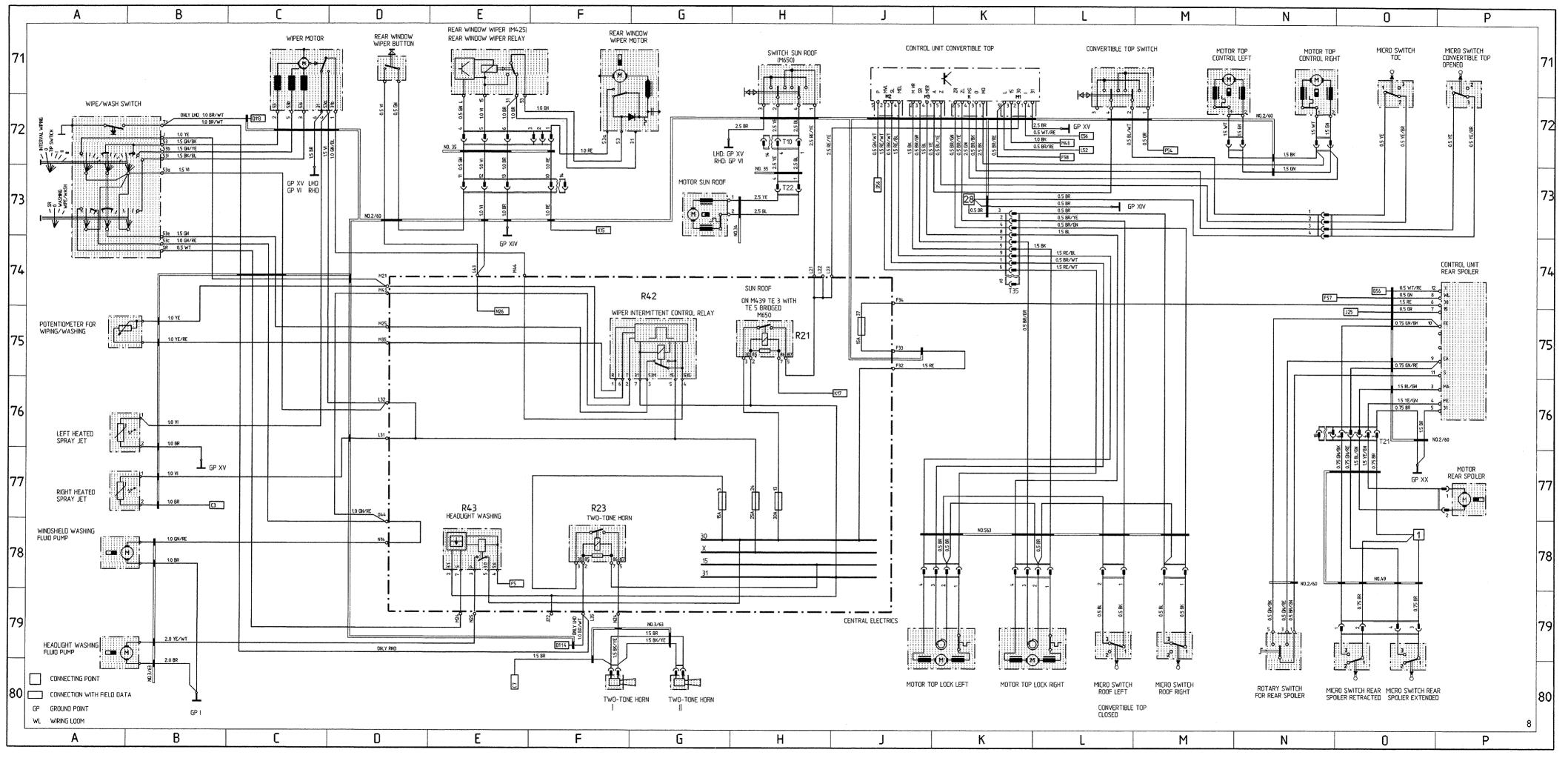


YF = YFIIOW

BK = BLACK WT = WHITE RE = RED GN = GREEN

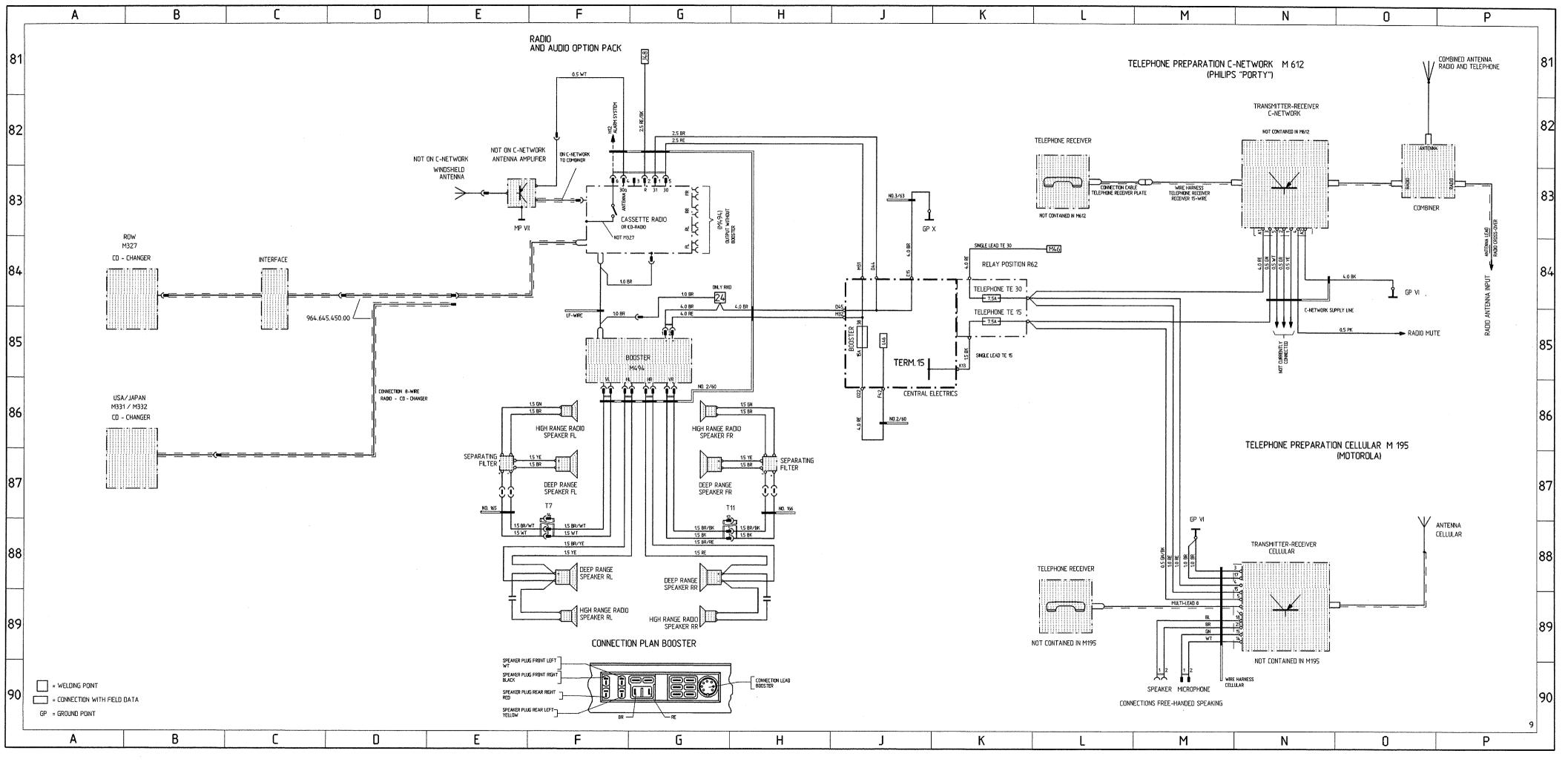


911 CORPORE 2/4 MODEL 92 SHEET 8 REAR SPOILER, TWO-TONE HORNS, WIPE- AND WASH CLEANERS, SUN ROOF, CONVERTIBLE TOP



911 Carrera 2/4 MODEL 92 SHEET 9

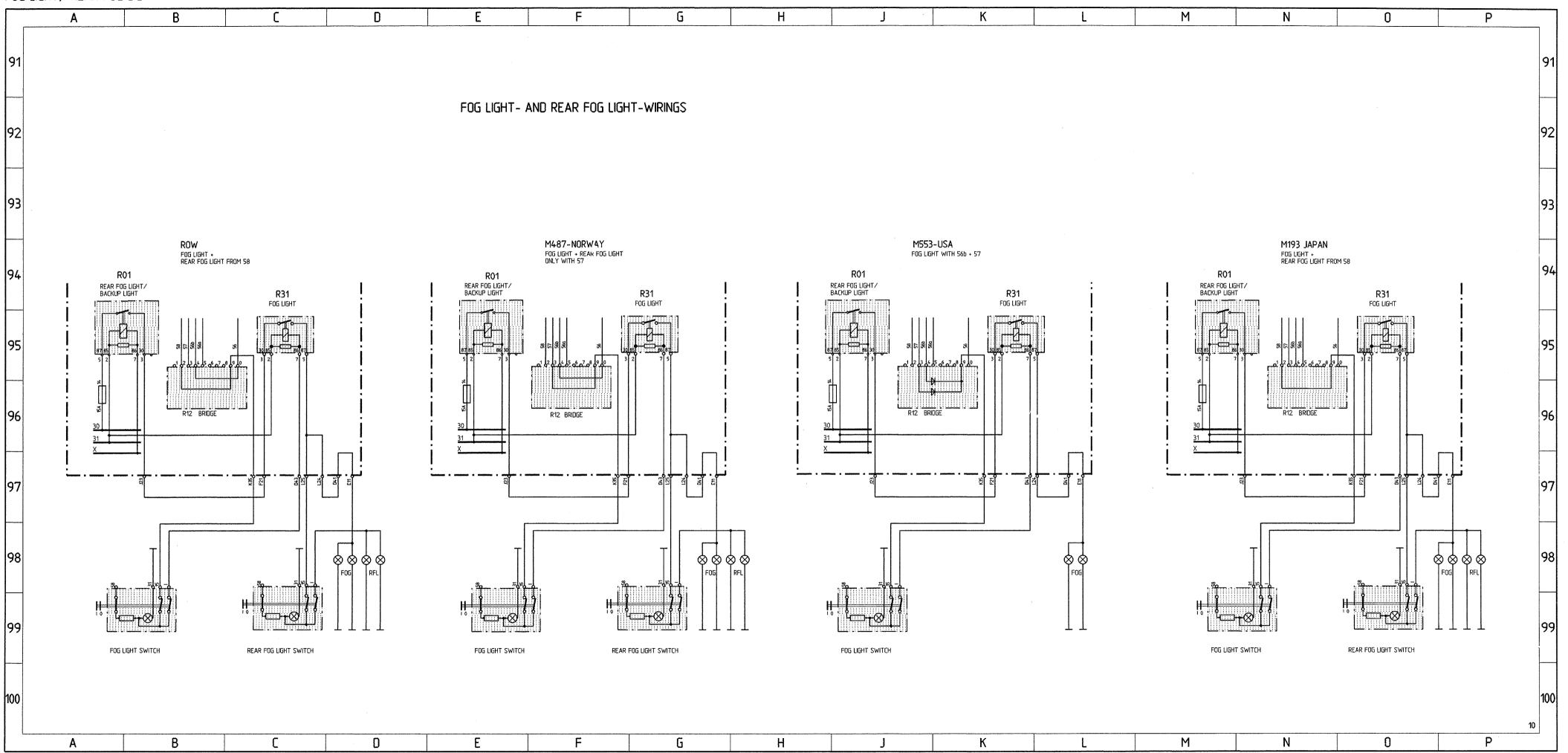
RADIO, TELEPHONE



97-131

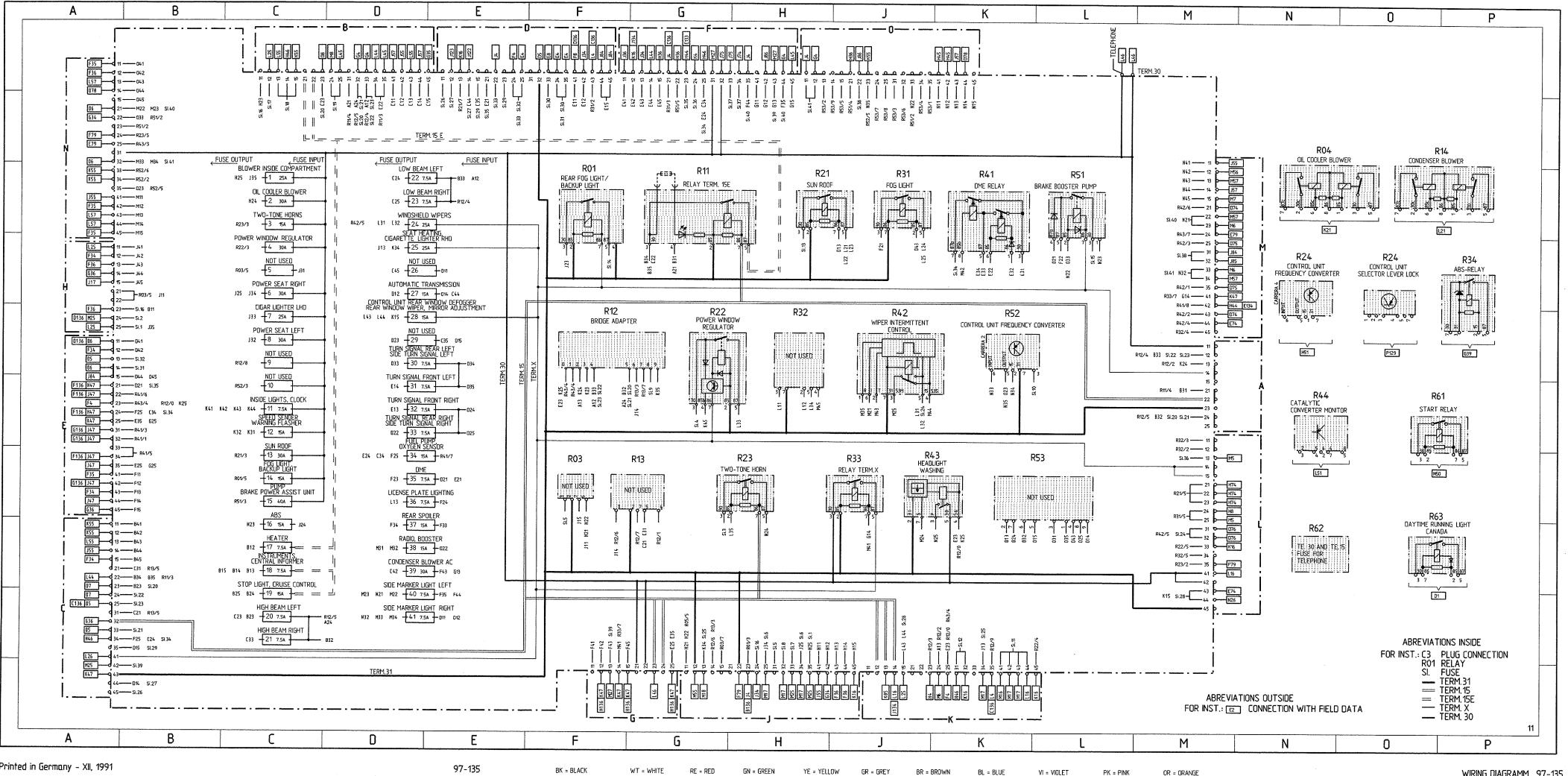
911 Carrera 2/4 MODEL 92 SHEET 10

FOG LIGHT, REAR FOG LIGHT



97-133 BK = BLACK WT = WHITE RE = RED GN = GREEN YE = YELLOW GR

911 Carrera 2/4 MODEL 92 SHEET 11 CENTRAL ELECTRICS



Printed in Germany - XII, 1991

97-135

911 Carrera 2/4 MODEL 92 SHEET 12

С

CONSTRUCTION COMPONENTS

Α

D

Ε

F

G

Н

CONSTRUCTION COMPONENTS

В

DESIGNATION, FUNCTION	positi Vehicl		NOTE	Field in Wiring Dia	
	LHD	RHD			
ABS RELAY	6cM	6cM	CENTRAL ELECTRICS	639/40	
ALARM HORN	3cL	3cL	In wheel Housing Front Right	J20	
ANTENNA AMPLIFIER	7bL	7bQ	IN LUGGAGE COMPARTMENT	884,E84	
OUTSIDE TEMP. SENSOR	8bR	8bK	IN OUTSIDE MIRROW	860	
BATTERY MAIN SWITCH RS	2dN	2dN	IN LUGGAGE COMPARTMENT	H138/139	
FLASHER	7dN	7dN	IN CENTRE CONSOLE	01	
BOOSTER	9eM	9eM	UNDER THE SEAT RIGHT	F/G85	
STOP LIGHT SWITCH	6dP	6dM	AT THE BRAKE PEDAL BELOW THE FLOOR PANEL	N9	
DIAGNOSIS CONNECTION	7cL	7cQ	IN PASSENGER'S FOOTWELL	G/H50	
DME RELAY	6cM	6cM	CENTRAL ELECTRICS	J44	
DME CONTROL UNIT	9eP	9eP	UNDER THE SEAT LEFT	B-F41	
SPEED SENDER	15cP	15cP	BY ENGINE LEFT	A47	
THROTTLE VALVE POTENTIOMETER, AUTOM. TRANSMISSION	15bN	15bN	ON THROTTLE VALVE ASSEMBLY	C50	
THROTTLE VALVE FOTENTIALIZER, ACTOIN TRANSMISSION	15bN	15bN	ON THROTTLE VALVE ASSEMBLY	A44/45	
PRESSURE SENSOR	10eP	10eP		A44) 45	
PRESSURE WARNING SWITCH	1d0	1d0	IN LUGGAGE COMPARTMENT	F31	
PRESSURE SWITCH AIR CONDITIONING SYSTEM	660		IN LUGGAGE COMPARTMENT	E30	
TWO-TONE HORN I	3cL	3cL	IN WHEEL HOUSING FRONT RIGHT	F80	
		+			
TWO-TONE HORN II	3cL	3cL	IN WHEEL HOUSING FRONT RIGHT	<u> </u>	
SEPARATING FILTER FL	9dQ	9dQ	UNDER THE DOOR TRIM PANEL	E87	
SEPARATING FILTER FR	9dL	9dL	UNDER THE DOOR TRIM PANEL	H87	
CRASH SENSOR RIGHT	4cM		IN LUGGAGE COMPARTMENT	6112/113	
CRASH SENSOR LEFT	4cP		IN LUGGAGE COMPARTMENT	F112/113	
BLOWER FINAL STAGE	6bN	6bN	IN LUGGAGE COMPARTMENT	F30	
BLOWER ENGINE COMPARTMENT	16c0	16c0	ON ENGINE	H30	
BLOWER MOTOR RIGHT	6cM	6cM	IN LUGGAGE COMPARTMENT	G30	
BLOWER MOTOR LEFT	6cP	6cP	IN LUGGAGE COMPARTMENT	F30	
GONG RELAY	6cP		BY STEERING COLUMN LEFT	P53/54	
HALL SENDER	17:0	17c0	ON DISTRIBUTOR	A46	
REAR WINDOW WIPER RELAY	1560	15b0		E71	
HYDRAULIC UNIT ABS	3dP	3dP	IN LUGGAGE COMPARTMENT	C32	
V-BELT CONTROL	17d0	17d0		A55/56	
MAP ALTERATION-SWITCH	9eP	9eP	UNDER THE SEAT LEFT	642	
KICK-DOWN SWITCH	6d0	6dM	BY ACCELERATOR PEDAL UNDER FLOOR PANEL	M122	
KNOCK SENSOR 1	15cP	15cP	BY ENGINE LEFT	A47	
KNOCK SENSOR 2	16cN	16cN	BY ENGINE TOP	A48	
CONDENSER BLOWER	2dQ	2dQ	IN WHEEL HOUSING FRONT LEFT	N21	
FUEL PUMP	6eM	6eP	BEHIND THE BASE	J49	
CLUTCH SWITCH CRUISE CONTROL	6dP	6dN	BY CLUTCH PEDAL UNDER FLOOR PANEL	P46	
LONGITUDINAL ACCELERATION SENDER	7dN	7dN	IN CENTRE CONSOLE	E40	
LOCKING DIFFERENTIAL VALVES LONGIT. AND TRANSVERSE	3dM	3dM	IN LUGGAGE COMPARTMENT	E31	
IDLE SPEED SWITCH AUTOMATIC TRANSMISSION	15bN	15bN	on Engine	C50	
IOLE SPEED POSITIONER	15bN	15bN	ENGINE COMPARTMENT	H41	
AIR FLOW SENSOR	1660	16b0	ON ENGINE	A43	
MICRO SWITCH ROOF RIGHT	9aN	9aN	AT CONVERTIBLE TOP FRAME	M79	
MICRO SWITCH ROOF LEFT	9a0	9a0	AT CONVERTIBLE TOP FRAME	L79	
MICRO SWITCH REAR SPOLIER EXTENDED	16bP	16bP	ON TAILGATE	079	
MICRO SWITCH REAR SPOILER RETRACTED	165P	16bP	ON TAILGATE	079	
MICRO SWITCH TDC	12cL	12cL	Behind Side Panel Covering	071	
MICROSWITCH FOR TOP CONTROL	12cL	12cL	BEHIND SIDE PANEL COVERING	P71	
MOTOR SUN ROOF	12aN	12aN		673	
MOTOR TOP CONTROL RIGHT	15cN	15cN		N71	
MOTOR TOP CONTROL LEFT	15c0	15c0	BEHIND REAR SEAT	M71	
MOTOR TOP LOCK RIGHT	9aN	9aN	AT CONVERTIBLE TOP FRAME	K/L79	
MOTOR TOP LOCK LEFT	900	900	AT CONVERTIBLE TOP FRAME	J/K79	
REAR FOG LIGHT CUTOUT RELAY	17dN	17dN		A108	
NTC HEATER FAN	16cP	16cP	ENGINE COMPARTMENT		
OIL PRESSURE SENDER/SWITCH	14cN			<u>G30</u>	
OIL COOLER BLOWER		14cN		A54	
OIL LEVEL GAGE	2dL 12cK	2dL	IN WHEEL HOUSING FRONT RIGHT	021	
	1 1/08	12cK	IN WHEEL HOUSING REAR RIGHT	E51/52	

С

DESIGNATION, FUNCTION		on n .e	NOTE	Field in Wiring Diagramm	
	LHD	RHD			
OIL TEMPERATURE SENDER FOR INSTRUMENT	14cN	14cN	ON ENGINE	A53	
OIL TEMPERATURE SENDER SENDER FOR OIL COOLER BLOWER	2dL	2dL	IN WHEEL HOUSING FRONT RIGHT	J21	
SWITCH LIFTING	12d0	12d0	ON GEARBOX	D-F129	
BRAKE BOOSTER PUMP	1d0	1dD	IN LUGGAGE COMPARTMENT	H39/40	
LATERAL ACCELERATION SENDER ABS	7dN	7dN	IN CENTRE CONSOLE	040	
LATERAL ACCELERATION SENDER AUTOMATIC TRANSMISSION	7dN	7dN	IN CENTRE CONSOLE	K129	
CONTROL RELAY REAR WINDOW DEFOGGER	16cP	16cP	CARRIER PLATE IN ENGINE COMPARTMENT	0/P29/30	
RELAY CONDENSER BLOWER	6cM	6cM	CENTRAL ELECTRICS	L21	
RELAY AC COMPRESSOR	16cP	16cP	CARRIER PLATE IN ENGINE COMPARTMENT	L30	
RELAY TWO-TONE HORN	6cM	6cM	CENTRAL ELECTRICS	F78	
RELAY POWER WINDOW REGULATOR	6cM	6cM	CENTRAL ELECTRICS	K18/19	
RELAY FREQUENCY TRANSFORMER	6cM	6cM	CENTRAL ELECTRICS	K56/H51	
RELAY BLOWER ENGINE COMPARTMENT	16cP	16cP	CARRIER PLATE IN ENGINE COMPARTMENT	J/K30	
RELAY STARTER AUTOMATIC TRANSMISSION	6cM	6cM		N50	
RELAY BACKUP LIGHT	760	760	IN LUGGAGE COMPARTMENT LEFT	L122	
RELAY THERMO SWITCH CATALYTIC CONVERTER	6cM	6cM	CENTRAL ELECTRICS	L/M51	
RELAY TERMIX	6cM	6cM	CENTRAL ELECTRICS	K44	
RELAY TERM.15 E	6cM	6cM	CENTRAL ELECTRICS	K/L44	
RELAY REAR FOG LIGHT-BACKUP LIGHT	6cM	6cM	CENTRAL ELECTRICS	J/K7	
RELAY FRONT FOG LAMP	6cM	6cM			
RELAY OIL COOLER BLOWER			CENTRAL ELECTRICS	J7	
	6cM	6cM		K21	
RELAY BRAKE BOOSTER PUMP	6cM	6cM	CENTRAL ELECTRICS	H34/35	
RELAY SUN ROOF	6cM	6cM	CENTRAL ELECTRICS	H75	
RELAY DAYTIME RUNNING LIGHT CANADA	6cM	6cM	CENTRAL ELECTRICS	01	
BACKUP LIGHT SWITCH	14dN	14dN	BY TRANSMISSION RIGHT	N1	
SHIFT VALVE RESONANCE FLAP	15bN	15bN	ON ENGINE	G41	
WINDSHIELD WASHING FLUID PUMP	3cQ	3cQ	BY WASHING FLUID RESERVOIR IN WHEEL HOUSING FL	A78	
windshield washing fluid pump rs	4cM	40	IN LUGGAGE COMPARTMENT	A78	
FUSES ENGINE COMPARTMENT	16cP	16cP	CARRIER PLATE IN ENGINE COMPARTMENT	L28	
HEADLIGHT CLEANER PUMP	3cQ	3cQ	BY WASHING FLUID RESERVOIR IN WHEEL HOUSING FL	A79/80	
HEADLIGHT CLEANER RELAY	6cM	6cM	CENTRAL ELECTRICS	E78	
STARTER	14dN	14dN	By clutch housing right	P49/50	
DRIVE CRUISE CONTROL	15c0	15c0	ON ENGINE	N43/44	
CONTROL UNIT ABS	2dM	2dM	IN LUGGAGE COMPARTMENT	A33-38	
CONTROL UNIT AIRBAG	6c0	-	ON INTRUMENT PANEL	J114/115	
CONTROL UNIT ALARM SYSTEM/CENTRAL LOCKING SYSTEM	9eM	9eM	UNDER THE SEAT RIGHT	J-M12	
CONTROL UNIT AUTOMATIC TRANSMISSION	10dP	10dP	UNDER THE SEAT LEFT	C-G122	
CONTROL UNIT CONVERTIBLE TOP	6cP	6cP	ON INTRUMENT PANEL	J/K71	
Control Unit Instrument Light	7bQ	7bQ	IN LUGGAGE COMPARTMENT LEFT	K1	
CONTROL UNIT REAR SPOILER	6cM	6cP	INSIDE FIREWALL RIGHT/LEFT	P74-76	
CONTROL UNIT HEATING, AIR CONDITIONING	7c0	7cN	ON INTRUMENT PANEL	B-F21	
CONTROL UNIT SELECTOR LEVER LOCK	6cM	6cM	CENTRAL ELECTRICS	D/P129/130	
Control Unit Cruise Control	9eN	9eN	UNDER THE SEAT RIGHT	P43/44	
BUZZER CONTACT	7cP	7cM	on Ignition Lock	P56	
FUEL LEVEL SENDER	5cM	5cP	IN FUEL TANK	K51	
TANK VENTING VALVE	15cN	15cN	BY ENGINE TOP	H41	
TEMPERATURE MOTOR	15cP	15cP	BY ENGINE LEFT	A45	
VARIANT IDENTIFIKATION SWITCH	9eP	9eP	UNDER THE SEAT LEFT	643	
RESISTOR BLOWER	16dP	16dP	ENGINE COMPARTMENT	J30	
RESISTOR FOR BLOWER CONDENSER	2dQ	2dQ	IN WHEEL HOUSING FRONT LEFT	M21	
RESISTOR OIL COOLER BLOWER	2dL	2dL	IN WHEEL HOUSING FRONT RIGHT	M21	
WARNING BUZZER	7cP	7cP	ON INTRUMENT PANEL	K60	
WIPER INTERMITTENT CONTROL RELAY	6cM	6cM	CENTRAL ELECTRICS	F/G75	
ENTRAL ELECTRICS	6cM	6cM	IN LUGGAGE COMPARTMENT		
ENTRAL INFORMER	6CP	6CP	ON STEERING COLUMN	H32,F/G/H59	
GNITION CONTROL UNIT 1	15cP	15cP	IN ENGINE COMPARTMENT LEFT	K41	
GNITION CONTROL UNIT I					
	15cP	15cP	IN ENGINE COMPARTMENT LEFT	J41	
GNITION COLL I GNITION COLL II	15c0 15c0	15cQ 15cQ	IN ENGINE COMPARTMENT LEFT	K41	

В

Α

Ε

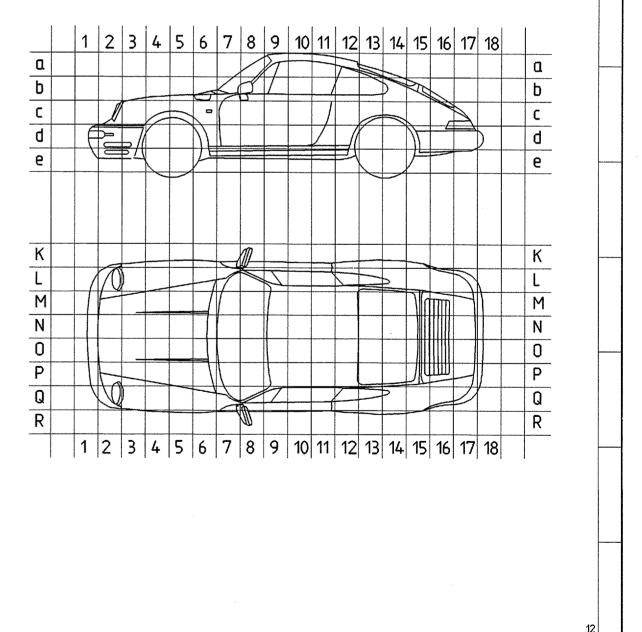
F

G

Η

D

	r	T	T				
J	K	L	M	N	0	Р	



J	К	L	М	N	0	Р	

911 Carrera 2/4 MODEL 92 SHEET 13 PLUG CONNECTIONS, GROUND POINTS, ABBREVIATIONS

A B L	D E	F G	H J	K	L	M	N	0		P
PLUG CONNECTIONS									·	
CODE NUMBER OF PINS DESIGNATION, FUNCTION	position in vehicle note LHD RHD	FIELD	M - NUMBERS							
T1 6 IGNITION LOCK	6cP 6cM BY STEERING COLUMN LEFT	L48								
T2 10 ABS	6cL 6cL IN LUGGAGE COMPARTMENT RIGHT	C36/37, K12, D152								
T5 14 HEATER, AIR CONDITIONER	6cM 6cM UNDER INSTRUMENT PANEL RIGHT	625/26	M 139 ADJUSTABLE SEAT HEATING, L	EFT SEAT						
T6 6 AIRBAG	7dN 7dN IN CENTRE CONSOLE	F/G117	M 193 JAPAN VERSION							
T7 14 DOOR DRIVER 'S SIDE	6CO 6CL UNDER INSTRUMENT PANEL LEFT	A88,F88,E/F17	M 249 AUTOMATIC TRANSMISSION							
T8 10 DOOR DRIVER'S SIDE	6c0 6cL UNDER INSTRUMENT PANEL LEFT	C16	M 340 ADJUSTABLE SEAT HEATING, F	IGHT SEAT						
T9 2 AIRBAG	7dN 7dN IN CENTRE CONSOLE	G117	M 383 SPORT SEAT LEFT ELECTRIC H	EIGHT ADJUSTMENT						
T10 14 REAR WINDOW SHELF	12cl 12cl BEHIND SIDE PANEL COVERING	09.N13.027.E/F73.H72	M 387 SPORT SEAT RIGHT ELECTRIC							
T11 12 DOOR PASSENGER'S SIDE	6CL 6CQ UNDER INSTRUMENT PANEL RIGHT	E14.D88.H88	M 425 REAR WINDOW WIPER							
T12 10 DOOR PASSENGER'S SIDE	6cL 6cQ UNDER INSTRUMENT PANEL RIGHT	B59.C14	M 437 COMFORT SEAT LEFT							
T15 6 DME	9eP 9eP UNDER THE SEAT LEFT	L43,C14,B53	M 438 COMFORT SEAT RIGHT							
T16 14 DME	9eP 9eP UNDER THE SEAT LEFT	F45/46.B55	M 439 ELECTRIC CONVERTIBLE TOP							
T18 2 LICENSE PLATE LIGHTS	17dL 17dL TAIL LIGHTS RIGHT	Π4	M 454 CRUISE CONTROL							
T19 2 OIL LEVEL GAGE	15cm 15cm IN ENGINE COMPARTMENT RIGHT	E52	M 513 LUMBAR SUPPORT SEAT RIGHT						1	
T20 3 GLOVE BOX LAMP AIRBAG	6CL	017	M 553 USA - CANADA VERSION		1 2 3	3 4 5 6 7 8 9	10 11 12 13 1	4 15 16 17 18		
T21 10 TAILGATE	15cl 15cl IN ENGINE COMPARTMENT RIGHT	N76.013.010	M 562 AIRBAG							
T22 4 INSIDE LIGHTS, SUN ROOF	15bM 15bM BELOW THE PARCEL TRAY	H73.012	M 573 AIR CONDITIONING SYSTEM		<u>u</u>				a	
T23 2 INSIDE LIGHTS CONVERTIBLE, TARGA	6CQ 6CQ UNDER INSTRUMENT PANEL LEFT	012	M 576 WITHOUT REAR FOG LIGHT		h				h	
T24 2 SIDE TURN SIGNAL LEFT	7bQ 7bQ IN LUGGAGE COMPARTMENT ON SIDE MEMBER LEFT	D/E9	M 586 LUMBAR SUPPORT SEAT LEFT						0	
T25 2 SIDE TURN SIGNAL RIGHT	76L 76L IN LUGGAGE COMPARTMENT ON SIDE MEMBER RIGHT		M 602 HIGH MOUNTED STOP LIGHT		с //				c	
T27 2 LUGGAGE COMPARTMENT LIGHT	7bL 7bL IN LUGGAGE COMPARTMENT ON SIDE MEMBER RIGHT	016	M 650 SUN RODE							
T30 14 NO. 16 MOTOR	16CP 16CP CARRIER PLATE IN ENGINE COMPARTMENT	N/03.J27/28.048/49.854	M 659 ON-BOARD COMPUTER						D	
T31 12 MOTOR, DME	16CP 16CP CARRIER PLATE IN ENGINE COMPARTMENT	D/E47,B53				4 12====	=====┘↓		e	
T34 14 HEATER, AIR CONDITIONER	6CM 6CM IN LUGGAGE COMPARTMENT RIGHT	623/24						\downarrow	C	
T35 12 CONVERTIBLE TOP	12cL 12cL BEHIND SIDE PANEL COVERING	K73/74					$ \uparrow$			
T36 6 REAR WINDOW	15bM 15bM BELOW THE PARCEL TRAY	09,028								
T38 7 N0.4, FRONT LIGHTS	3cL 3cL IN WHEEL HOUSING FRONT RIGHT	C5/6								
T39 5 N0.4, FRONT LIGHTS	3cL 3cL IN WHEEL HOUSING FRONT RIGHT	C6/7								
T40 30 AUTOMATIC TRANSMISSION	9eP 9eP UNDER THE SEAT LEFT	H124/125								
T41 12 AUTOMATIC TRANSMISSION	9eP 9eP UNDER THE SEAT LEFT	C/D50,E127			K				K	
T42 6 REAR PACKAGE TRAY	9em 9em UNDER THE SEAT LEFT	H16								

ground points

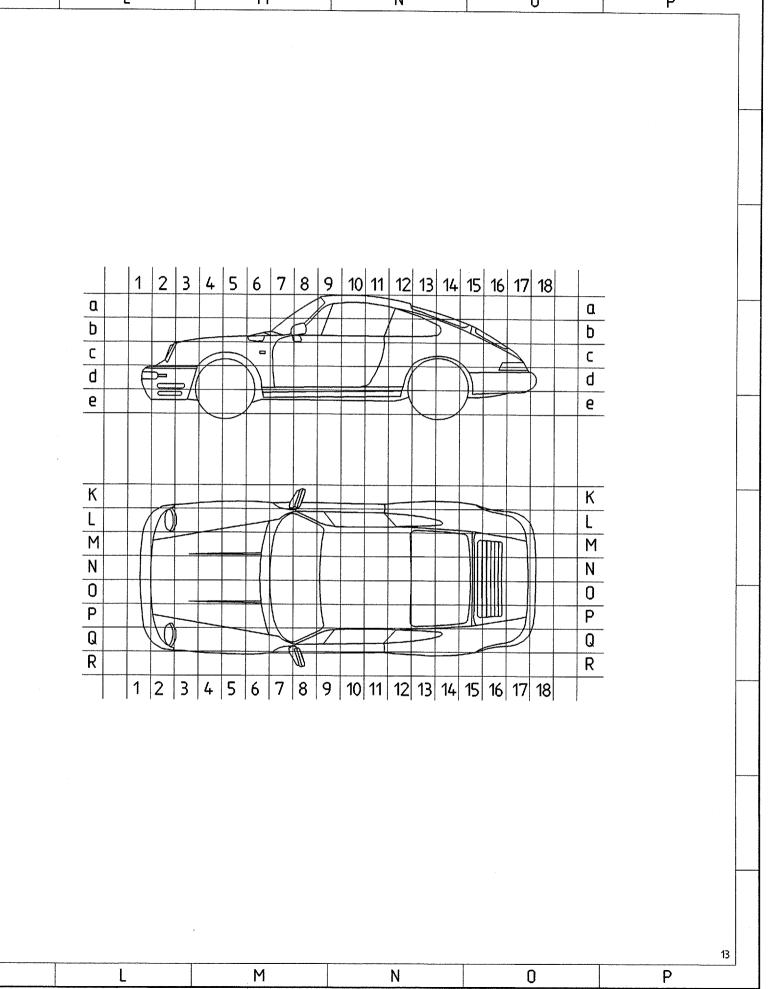
CODE	NOTE		POSITION IN VEHICLE			
			LHD			
GP I	LUGGAGE COMPARTMENT, WHEEL	Housing Left	2cP			
GP II	LUGGAGE COMPARTMENT, WHEEL	Housing Right	2cM			
GP III	ON FIREWALL					
GP IV	GROUND FOR POWER CONSUMERS,	UNDER SEAT LEFT	11eP			
GP V	ELECTRONICS, UNDER SEAT LEFT		10eP			
GP VI	CENTRAL ELECTRICS, ON SIDE MEN	1BER RIGHT	6bL			
GP VII	ANTENNA AMPLIFIER ON SIDE MEM	IBER LEFT	7bL			
GP VIII	INSIDE LIGHT CONVERTIBLE, ROOF	CENTRE FRONT	9aN			
GP IX	INSIDE LIGHT, ROOF RIGHT		11aL			
GP IX	INSIDE LIGHT, ROOF LEFT	INSIDE LIGHT, ROOF LEFT				
GP X	BATTERY, LUGGAGE COMPARTMEN	IT LEFT	Зер			
GP XI	GROUND STRAP (STARTER, TRANS	Smission, Engine, Body)	14cM			
GP XII	ENGINE COMPARTMENT REAR LEF	ſ	15cQ			
GP XIII	MOTOR LEFT		15c0			
GP XIV	ENGINE COMPARTMENT REAR RIGH	Т	15cL			
GP XV	INSTRUMENTS, SIDE MEMBER LEFT		7bQ			
GP XVI	COMBINED LEAD REAR LEFT		13dP			
GP XVII	COMBINED LEAD REAR RIGHT		12dM			
GP XVIII	COMBINED LEAD FRONT RIGHT		4cM			
GP XIX	COMBINED LEAD FRONT LEFT	COMBINED LEAD FRONT LEFT				
GP XX	SEAT CROSS MEMBER, UNDER SEA	SEAT CROSS MEMBER, UNDER SEAT RIGHT				
GP XXI	GROUND FOR POWER CONSUMERS,	GROUND FOR POWER CONSUMERS, CONNECTION CRANK CASE				
GP XXII	ELECTRONICS, CONNECTION CRANK	CASE	16cN0			
	В	С	D			

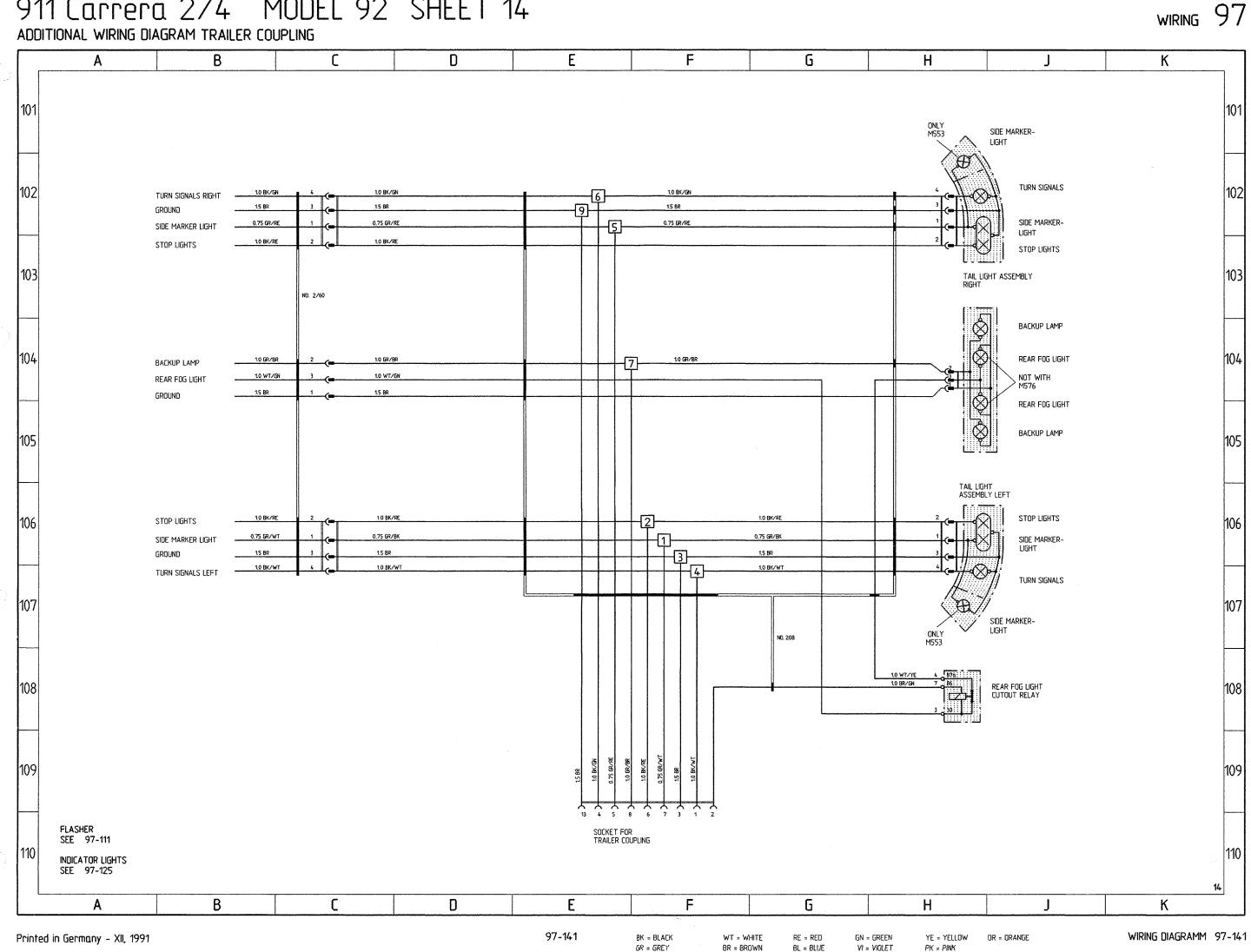
ABBREVIATIONS

E		F	G		H	J		
OP	OPEN							
NTC	NEGATIV	E TEMPERATURE COEFFICIENT						
RFL	REAR FO	IG LIGHT						
NO	NUMBER			CLS	CENTRAL LOCKING SYSTEM			
FOG	FOG LIGH	IT		ADL	ADDITIONAL DRIVING LIGHTS			
LF	LOW FRE	EQUENCY		CES	CENTRAL ELECTRICS			
GP	GROUND	POINT		WW	WORLDWIDE			
LHD	LEFT-HA	ND DRIVE		CP	CONNECTING POINT			
LED	LIGHT-E	MITTING DIODE		FR	FRONT RIGHT			
WL	WIRING L	.00M		FL	FRONT LEFT			
SES	COMBINE	D STEERING COLUMN SWITCH		FA	FRONT AXLE			
TE	TERMIN	λL.		USA	USA			
IC		1ENT CLUSTER		DP	Disconnecting Point	······································		
RR	REAR RI			PL	PLUG			
RL	REAR LEFT			HES	HEADLIGHT CLEANING SYSTEM			
HF		EQUENCY		WP	WELD POINT			
RA	REAR A			CU	Control Unit			
FCU		NCY CONVERTER UNIT	RUL	SA SA	SAUDI ARABIA			
EZK		C IGNITION SYSTEM WITH KNOCK CONT			RIGHT-HAND DRIVE			
DME	1	ENGINE ELECTRONICS		RHD	REST OF WORLD			
ESO	1	SPEED SENSOR OUTPUT	· · · · · · · · · · · · · · · · · · ·	RDK RDW	TIRE PRESSURE CONTROL			
DEF	SPEED S DEFROS			PSD				
AC SS		DITIONING SYSTEM		POT	POTENTIOMETER			
ABS		K BRAKING SYSTEM	· · · · · · · · · · · · · · · · · · ·	PIN	PIN			
		ANING		CODE	MEANING			
						<u></u>		

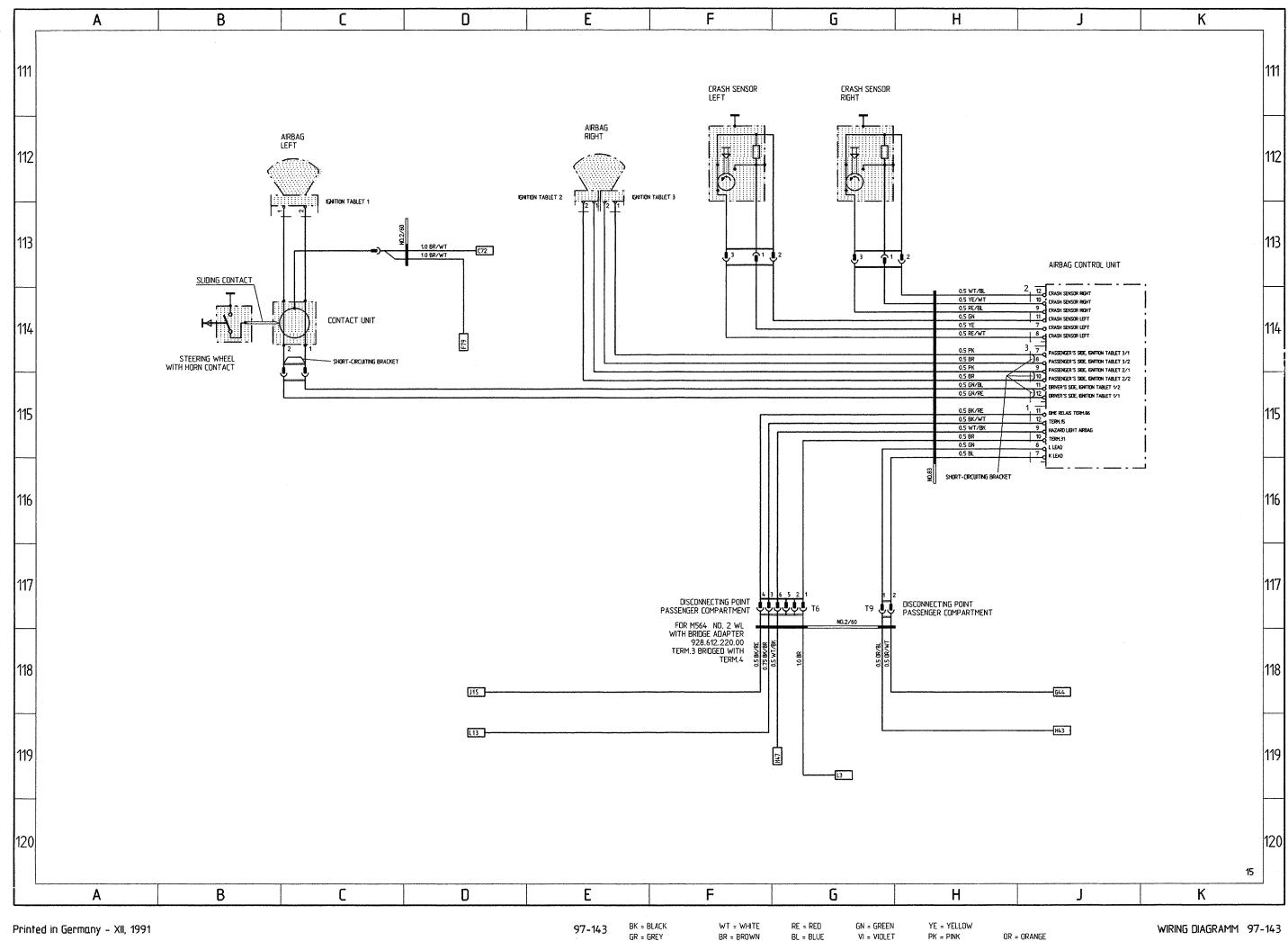
wiring 97

Κ





911 Carrera 2/4 MODEL 92 SHEET 14

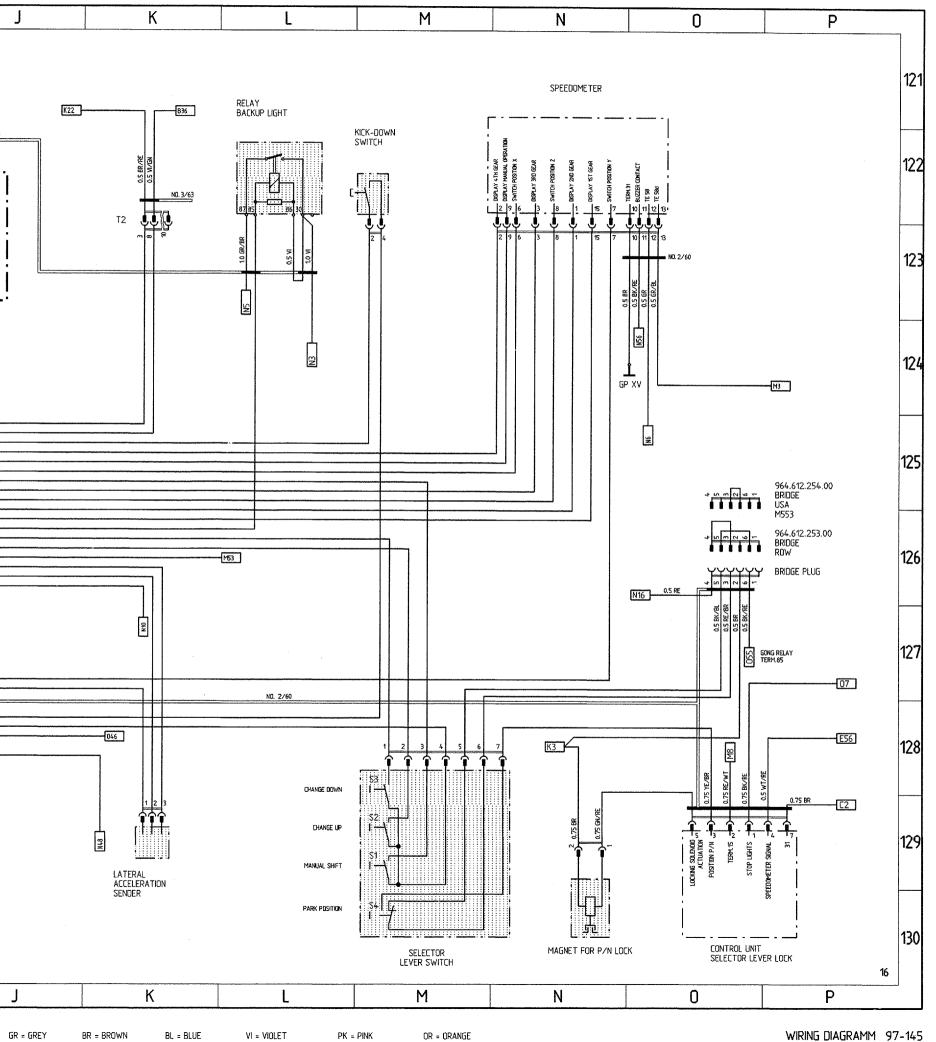


BL = BLUE

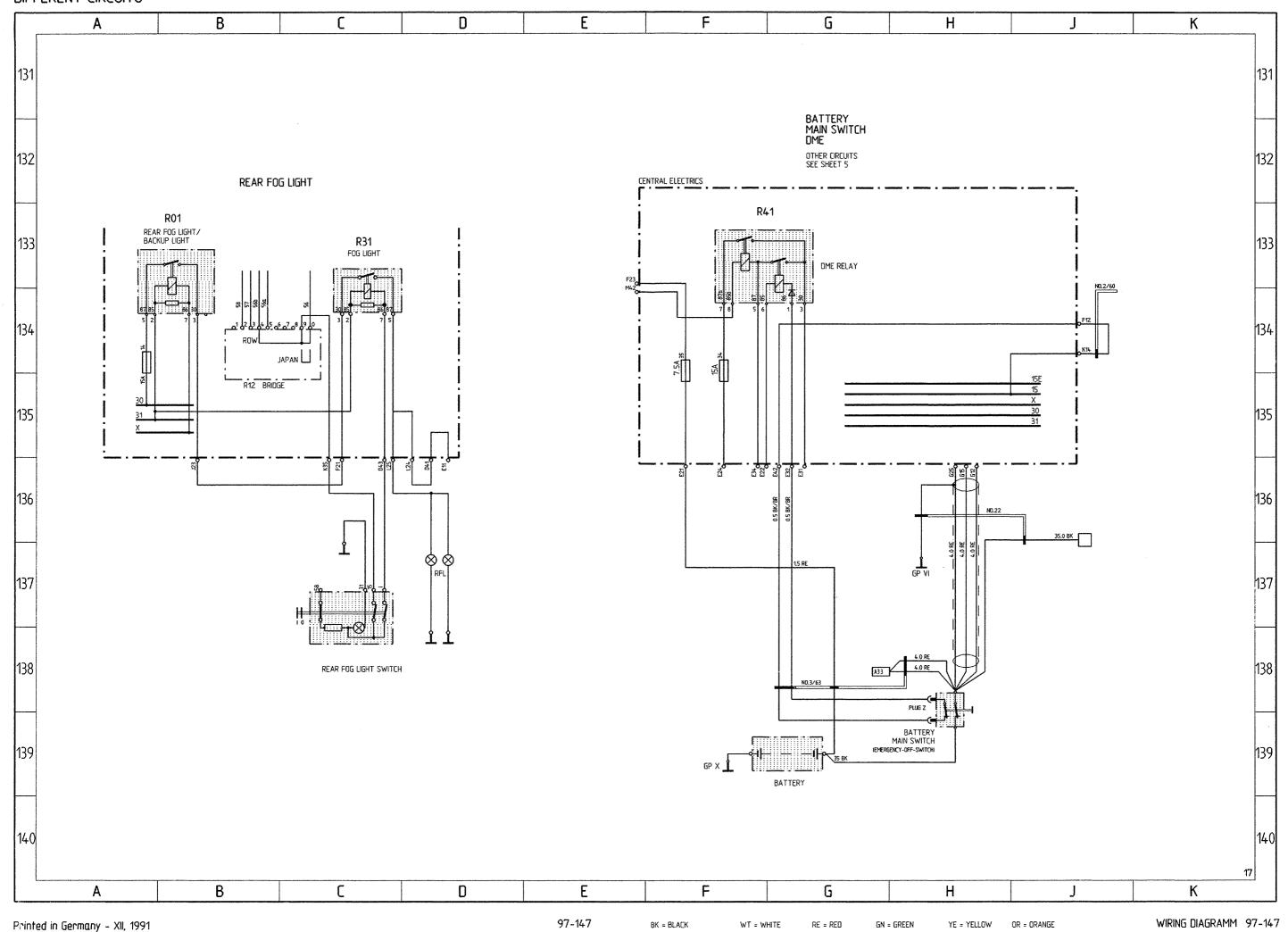
97

911 Carrera 2 MODEL 92 SHEET 16 AUTOMATIC TRANSMISSION

В D Ε G Η Α C TRANSMISSION CONTROL UNIT ------15 RE/WT [43] ND. 2/60 CENTRAL ELECTRICS ELECTRICS ON TRANSMISSION 15 BR 0.5 BR 0.5 RE/YE 0.5 BL/YE 0.5 BL/YE 1.5 BR 005 08/20 0.5 BK/W 0.5 WT/B 0.5 WT/6 0.5 WT/6 0.5 MT 845 MT 0.5 GR 0.5 GR 0.5 GR 0.5 GR INDUCTION PULSE SENDER DRIVE SPEED Solenoid Valve 2 Switching Point Control T40 Solenoio Valve 1 Switching Point Control 0.5 BR/R 0.5 V1/GN SOLENDID VALVE CONVERTER LOCKUP CLUTCH GP IV 0.5 BK/YE 0.5 GN/BL 0.5 BL/GN 125 SOLENOID VALVE MODULATION PRESSURE 0.5 BL/W1 0.5 GN/BR 0.5 GN/W1 0.5 BL/BK Хф SENDER (PTC) TRANSMISSION TEMPERATURE **1** 0.5 BL/BK 0.5 GN/YE 0.5 GN/YE 0.5 GN/YE 0.5 BR/RE 0.5 BR/YE 0.5 WT/GR 0.5 PK/WT 0.5 PK/GN 0.5 BK/RE WT J 1.0 BR Coding Plug Socket 1 2 0.5 BR 0.75 YE/8R / M249 DSO 0.5 BL/YE 0.5 PK/BR 0.5 BR 0.5 BR 0.5 BR/GN 1 0.5 BR/G 0.75 YE/BR L GP V 0.75 YE/BR SWITCH LIFTING 129 PRND321 citite mette state strem dreme 120 0 75 BR 0.75 BR 0.75 BR В ٢ D F F 6 Η



911 Carrera 2 RS MODEL 92 SHEET 17 DIFFERENT CIRCUITS



BR = BROWN

BL = BLUE

GR = GREY

PK = PINK

VI = VIOLET

wiring 97

WIRING DIAGRAMM 97-147

Changes to the circuit diagram for the 911 Carrera 2/4, model 92

Sheet 6, M - P 53/54

Wire from gong relay pin 4 to clock 1/14 is deleted Wire from gong relay pin 5 to clock 1/14 is added.

Please alter the circuit diagram accordingly.

Wiring Diagram Type 911 Carrera 2 and 4 Model 93

The wiring diagram consists of *12 individual wiring diagrams*, 1 sheet *construction components* and 1 sheet *plug connections and ground points*. These are divided into coordinate fields.

Each individual wiring diagram contains a part of the central-electrics box in a dashdotted frame.

This part of the central-electrics box shows all the lines and relays necessary for the individual wiring diagram.

The earth/ground points are identified by "GP" and their location is shown in a vehicle diagram.

The 10-pin connectors on the central-electrics box are clipped together out of 3 parts, the 20-pin connectors are clipped together out of 5 parts.

Part 1, with the moduled-on fastening lug, is the "starting element".

Parts 2,3 and 4 are "module elements".

The 10-pin connectors only contents one "module element".

Start- and module elements are identified by the numbers 1.....5.

Part 5 ist a "coding element".

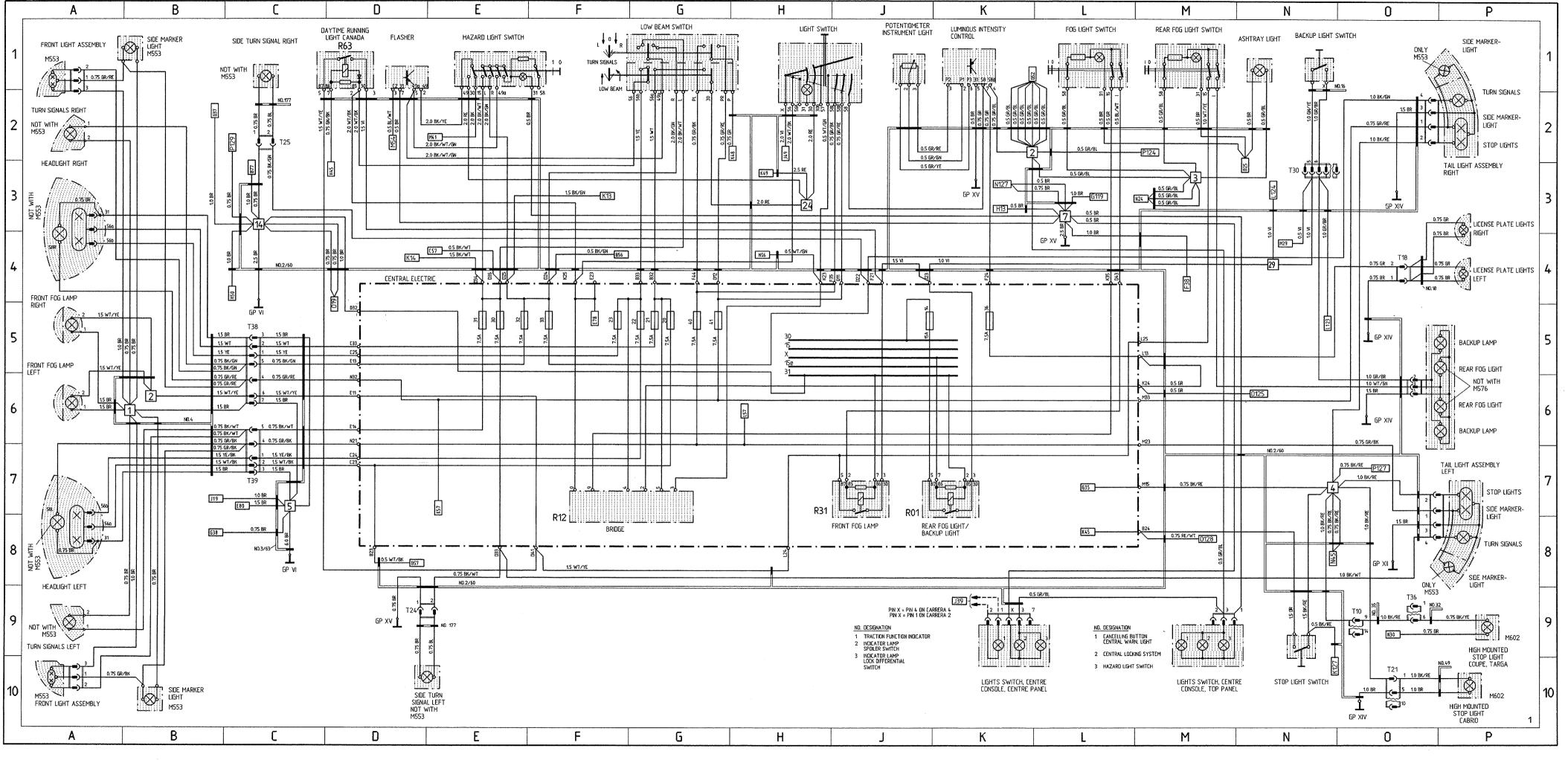
The designations of the plug connections in the wiring diagram refer to the "starting element" from, for example, B 11......15, and to the first module element from B 21.....25.

Wiring Diagram Type 911 Carrera 2 and 4 Model 93

Coordinates

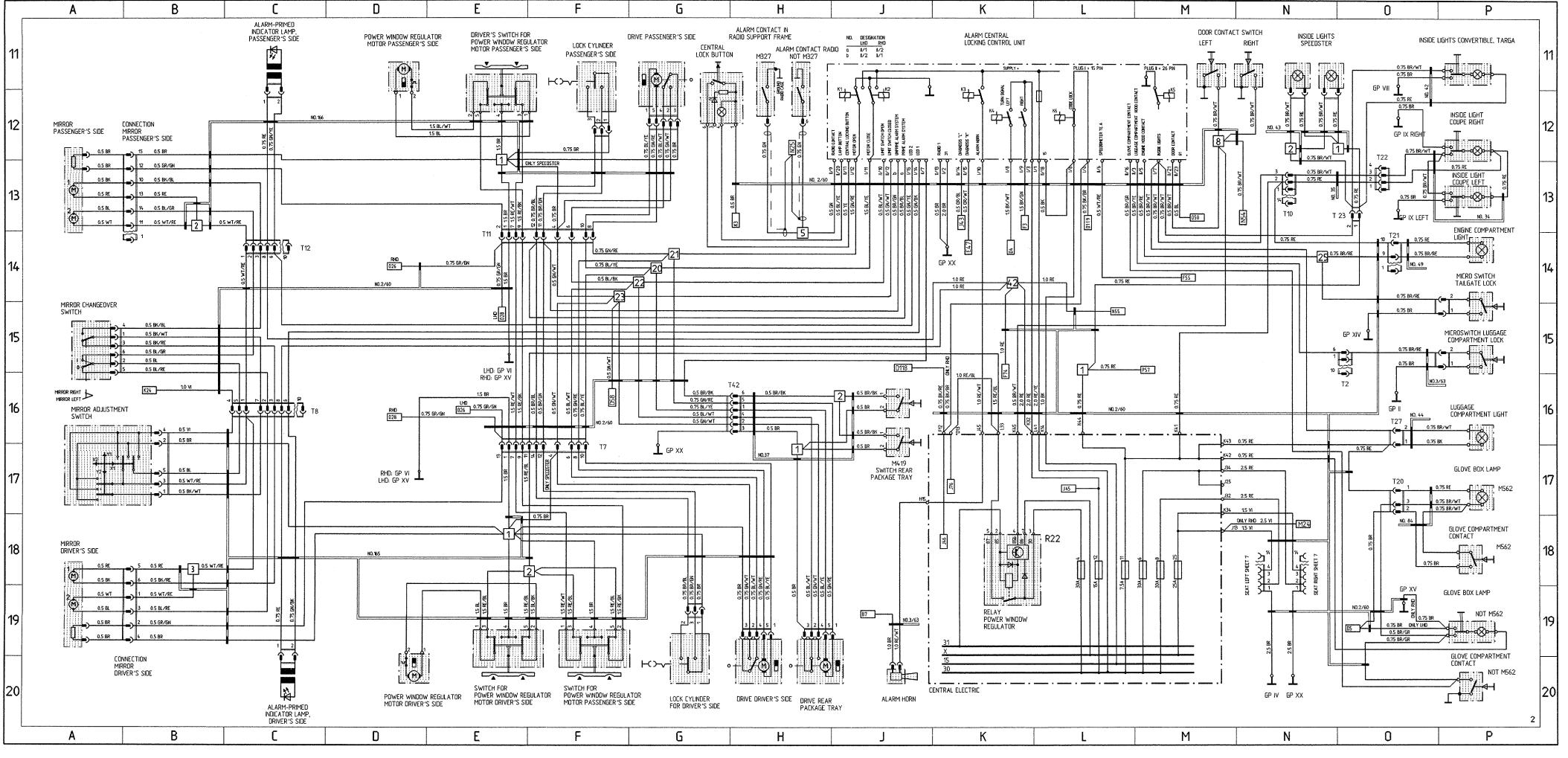
Sheet	1	1 - 10	Lights
Sheet	-	11 - 20	Alarm System, Central Locks, Mirror, Power Window Regulator, Inside Lights
Sheet	3	21 - 30	Heater, AC, Coolant Fan, Rear Window De- fogger
Sheet	4	31 - 40	ABS, Porsche Dynamic AWD Control (Carrera 4)
Sheet	4a	31 - 40	ABS (Carrera 2)
Sheet	4b	31 - 40	ABS Turbo look (Carrera 2)
Sheet	5	41 - 50	Motor, Ignition, Cruise Control
Sheet	6	51 - 60	Instruments, Sensor, Central Informer, On-board computer
Sheet	7	61 - 70	Seats
Sheet	8	71 - 80	Rear Spoiler, Two-Tone Horns, Wipe- and Wash Cleaners, Sun Roof, Convertible Top
Sheet	9	81 - 90	Radio, Telephone
Sheet	10	91 - 100	Fog Light, Rear Fog Light
Sheet	11		Central Electric
Sheet	12		Construction Components
Sheet	13		Plug Connections, Ground Points, M-Numbers, Abbreviations
Sheet	14	101 - 110	Trailer Coupling
Sheet	15	111 - 120	Airbag
Sheet	16	121 - 130	Tiptronic (Carrera 2)
Sheet	17	131 - 140	911 Carrera RS

911 Carrera 2/4 MODEL 93 SHEET 1



911 Carrera 2/4 MODEL 93 SHEET 2

ALARM SYSTEM, CENTRAL LOCKING SYSTEM, MIRROR, POWER WINDOW REGULATOR , INSIDE LIGHTS



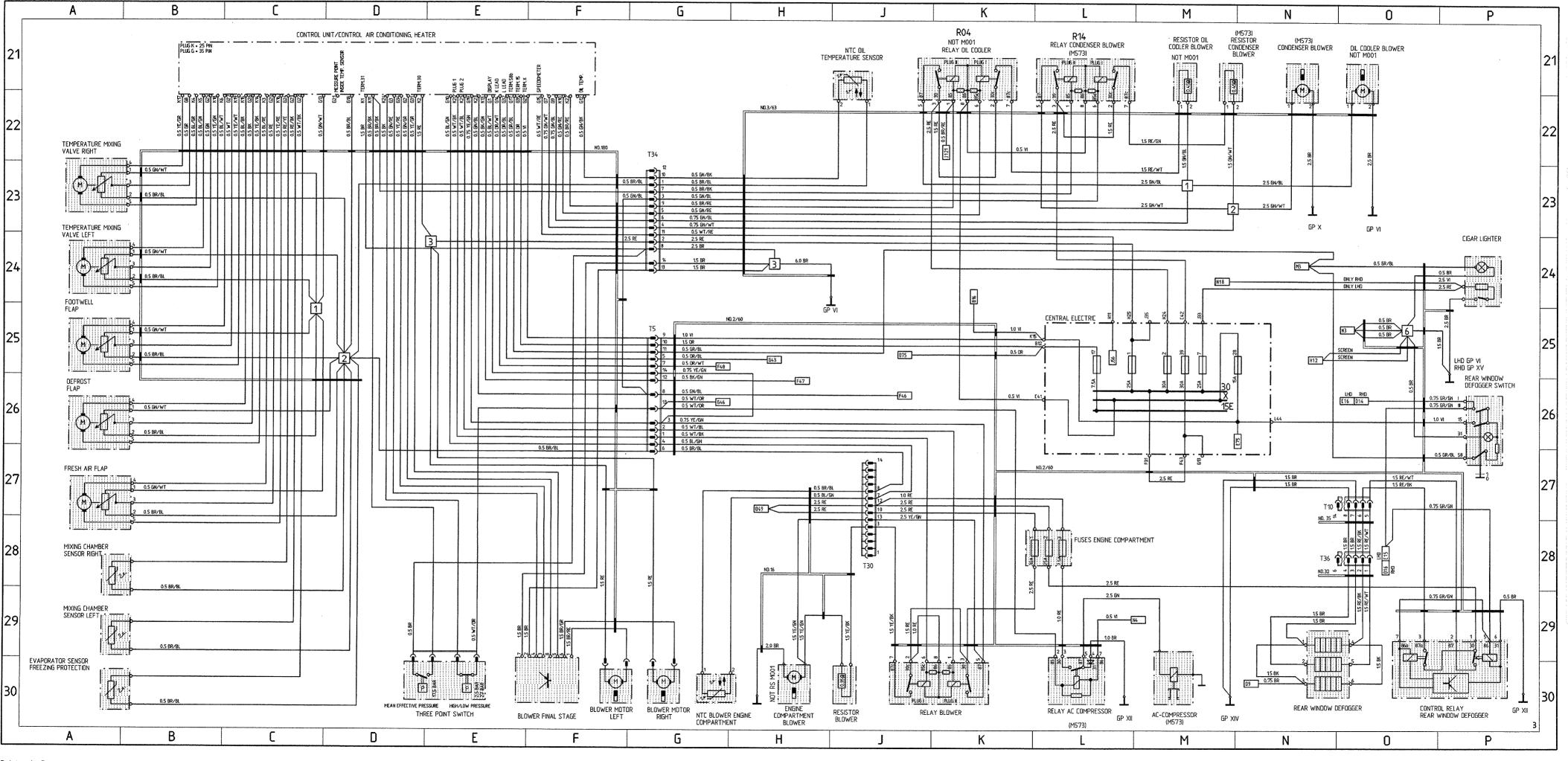
YF = YFU OW

WIRING 97

GR = GREY BR = BROWN BL = BLUE VI = VIOLET PK = PINK

or = orange

911 Carrera 2/4 MODEL 93 SHEET 3 HEATER,AC



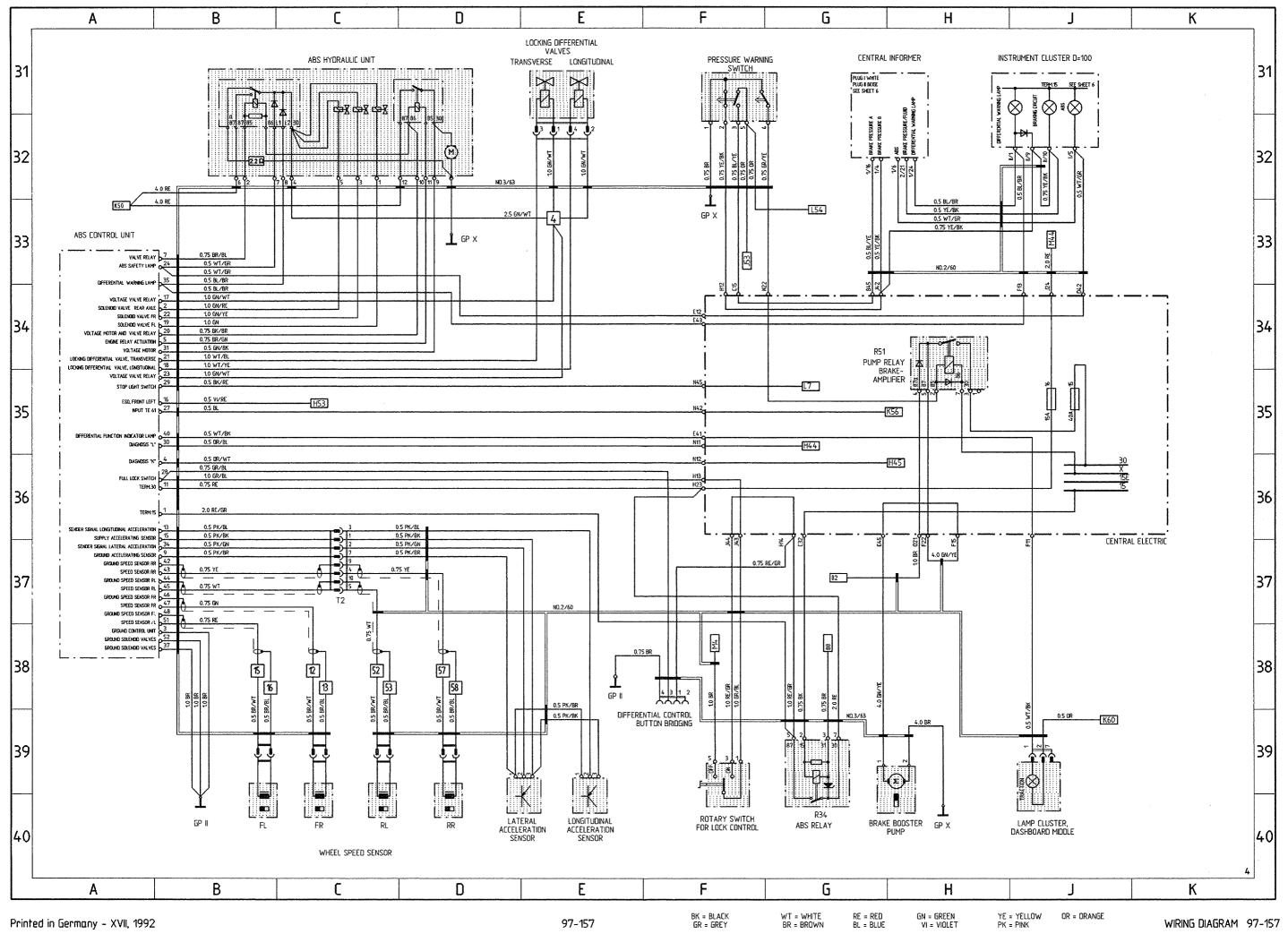
BK = BLACK

GREEN YE = YELLOW

WT = WHITE RE = RED

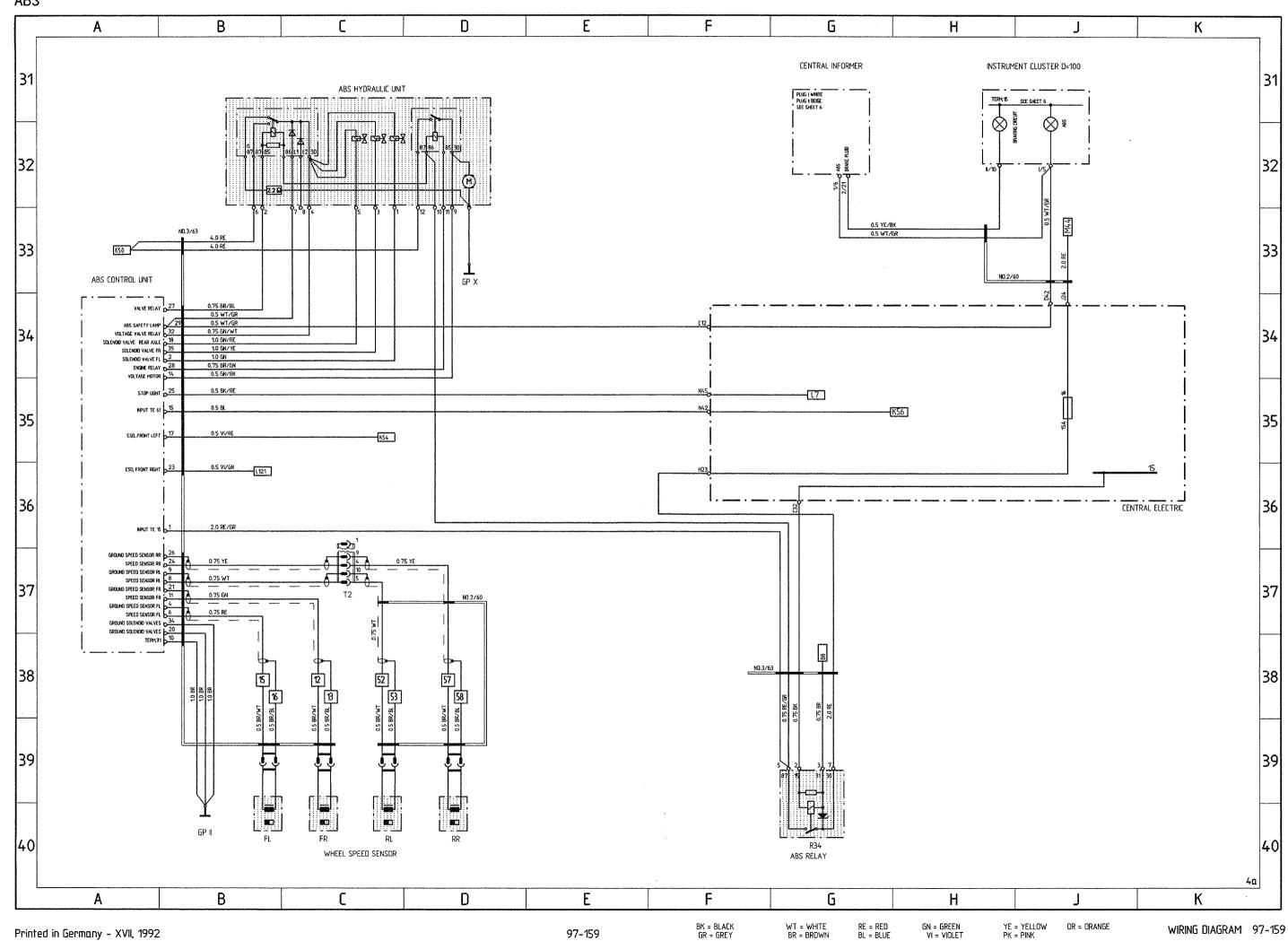
911 Carrera 4 MODEL 93 SHEET 4

ABS, PORSCHE DYNAMIC AWD CONTROL

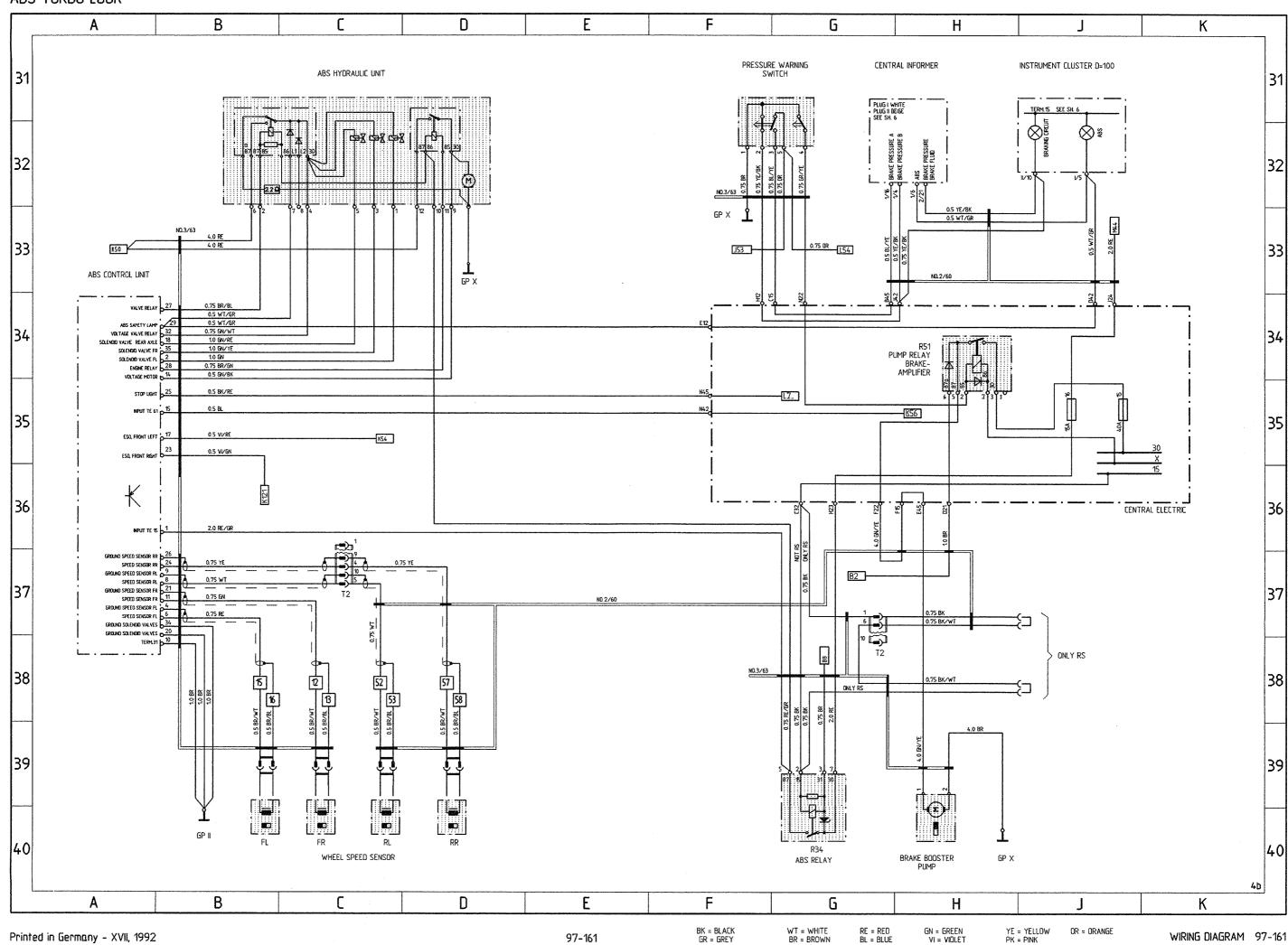


911 Carrera 2 MODEL 93 SHEET 4A





911 Carrera 2 MODEL 93 SHEET 4B ABS TURBO LOOK



97

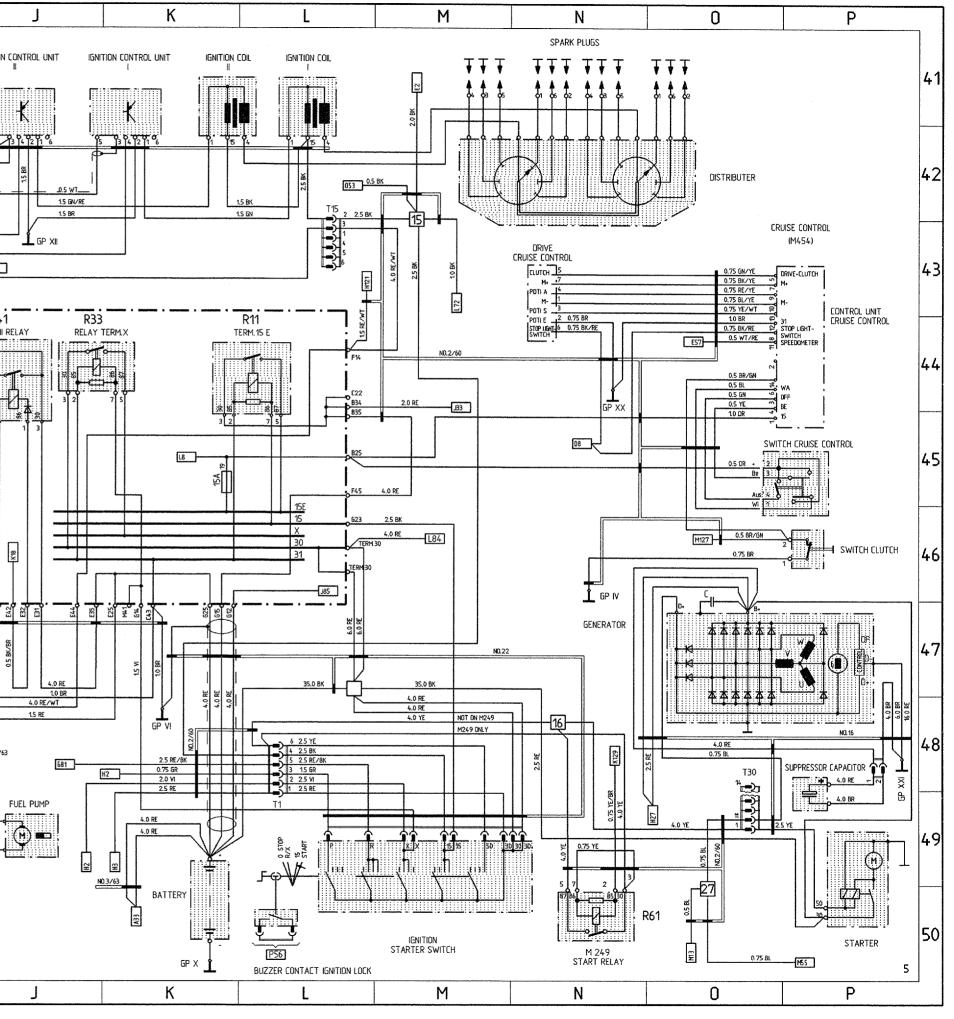
WIRING

97-161

911 Carrera 2/4 MODEL 93 SHEET 5 MOTOR, FUEL, IGNITION, CRUISE CONTROL

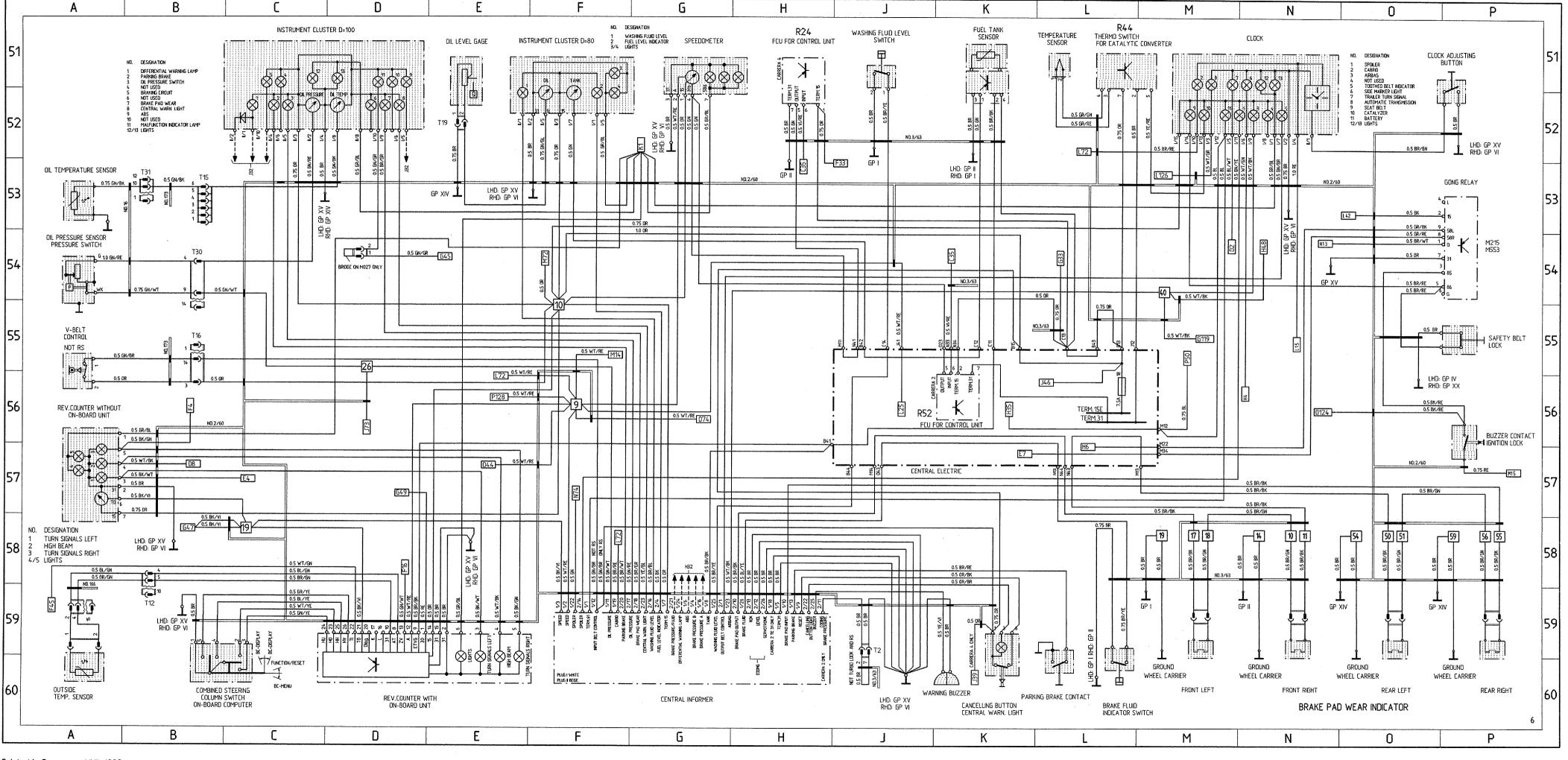
R Π Α G Η idle speed Positioner SHIFT VALVE IGNITION CONTROL UNIT TANK VENTING VALVE MFI + DI Control Unit 55 pin plug RESONANCE FLAP įγ Π М М ង គេ នៅស្ថាភីនៅ ភ្នំ នៅ ភ្នំ នៅ ភ្នំ នៅ ភ្លេង ន ភ្លេង ភ្លេង ភ្លេង ភ្លេង ភ្លេង ភ្លេង ភ្លេង ភ្លេង ភ្លេង នៅ ភ ភ្លេង នៅ ភ្ល 5 13 14 12 11 PRESSURE SENSOR 0.75 GR/W1 10 BL 0.75 YE/GN 0.5 WT 31/18 31/18 31/18 31/16 31/17 31/17 31/17 31/17 31/17 31/17 31/17 31/17 31/17 31/17 31/17 31/17 31/17 31/17 31/18 M150 10 RE/WT VARIANT IDENTIFIKATION 3 SWITCH 0.75 RE/WT AIR FLOW SENSOR 15 RE/WT 0.5 BL/GR 0.5 BL/GN 0.5 GN/RE $\frac{2}{1}$ NOT RS 15 RE/WT 0.75 GR/BR 0.5 OR/BL - K13 0.5 GN/BK H25 CENTRAL ELECTRIC 0.5 08/8 CLOSED THROTTLE R41 POSITION MFI + DI RELAY 635 118 WIDE OPEN THROTTLE NOT VOT NTC TEMPERATURE SENSOR MOTOR 5 WT/GN AS9 E54 H36 'HÉD-HALL SENSOR 5 5N/BL J26 OF K18 YE/GR ENGINE SPEED SENSOR ND 173 1.56 0.5 OR/WT ස්සි සි සි ස H26 KNOEK SENSOR 1 NO.2/60 NO.16 625 KNOCK SENSOR 2 BR/BR BR/BR BR/FE BR/FE BR/FE BR/FE 3 0.75 RE/WT 0.75 RE/WT 0.75 RE/WT 0.75 RE/WT 0.75 GN/BK HEATED OXYGEN SENSOR ONLY CAT. CONV. Bridge 944.612.422.00 介介 þ LΠμ ١ \bowtie 函 T41 M249 CYLINDER CYLINDER CYLINDER 1 2 3 Cylinder Cylinder Cylinder 4 5 6 CLOSED THROTTLE THROTTLE VALVE DIAGNOSIS PLUG SOCKET POSITION POTENTIOMETER M249 E127 M249 rhd gp i Lhd gp ii FUEL INJECTORS D R ٢ Α G Н

BK = BLACK WT = WHI

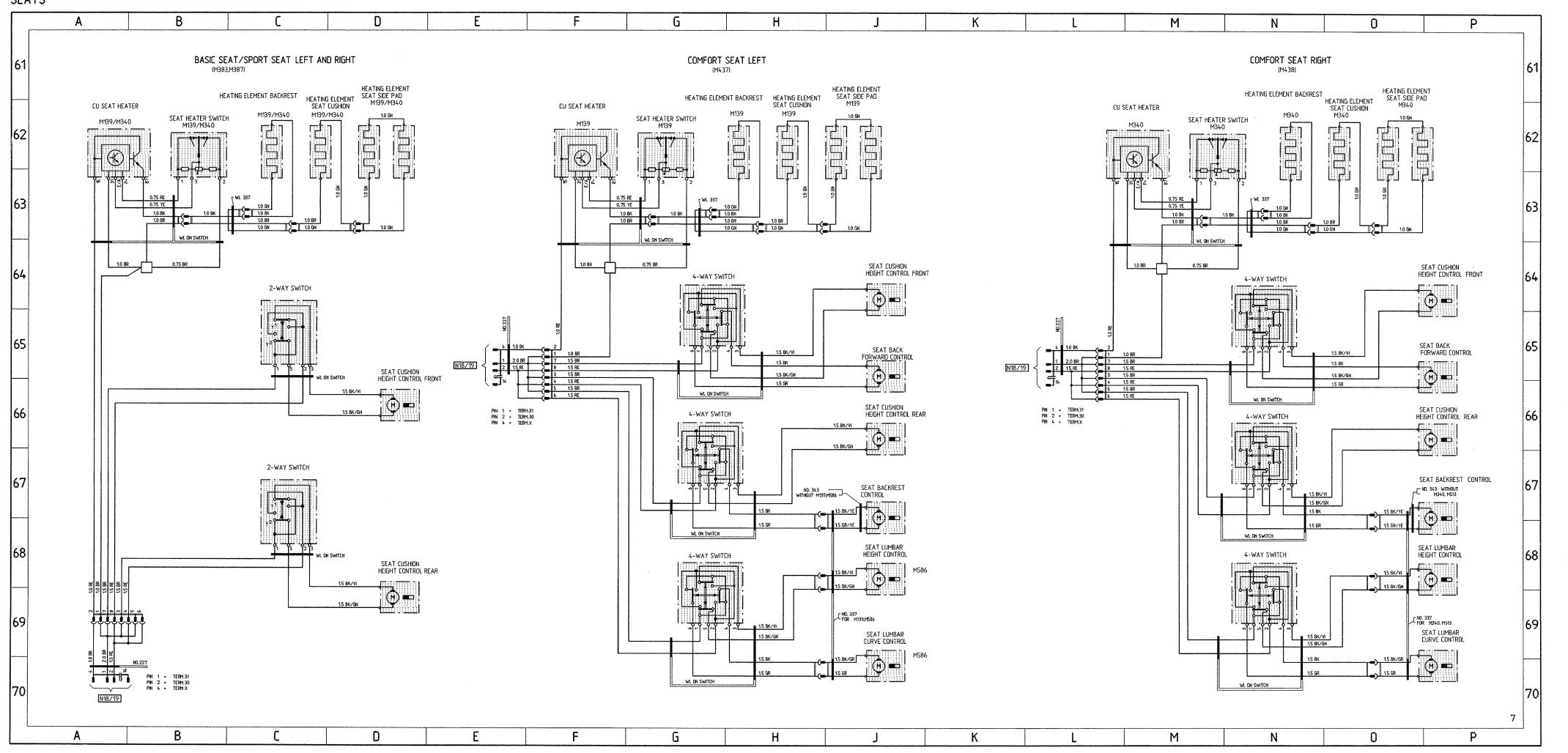


911 Carrera 2/4 MODEL 93 SHEET 6

INSTRUMENTS AND SENSOR

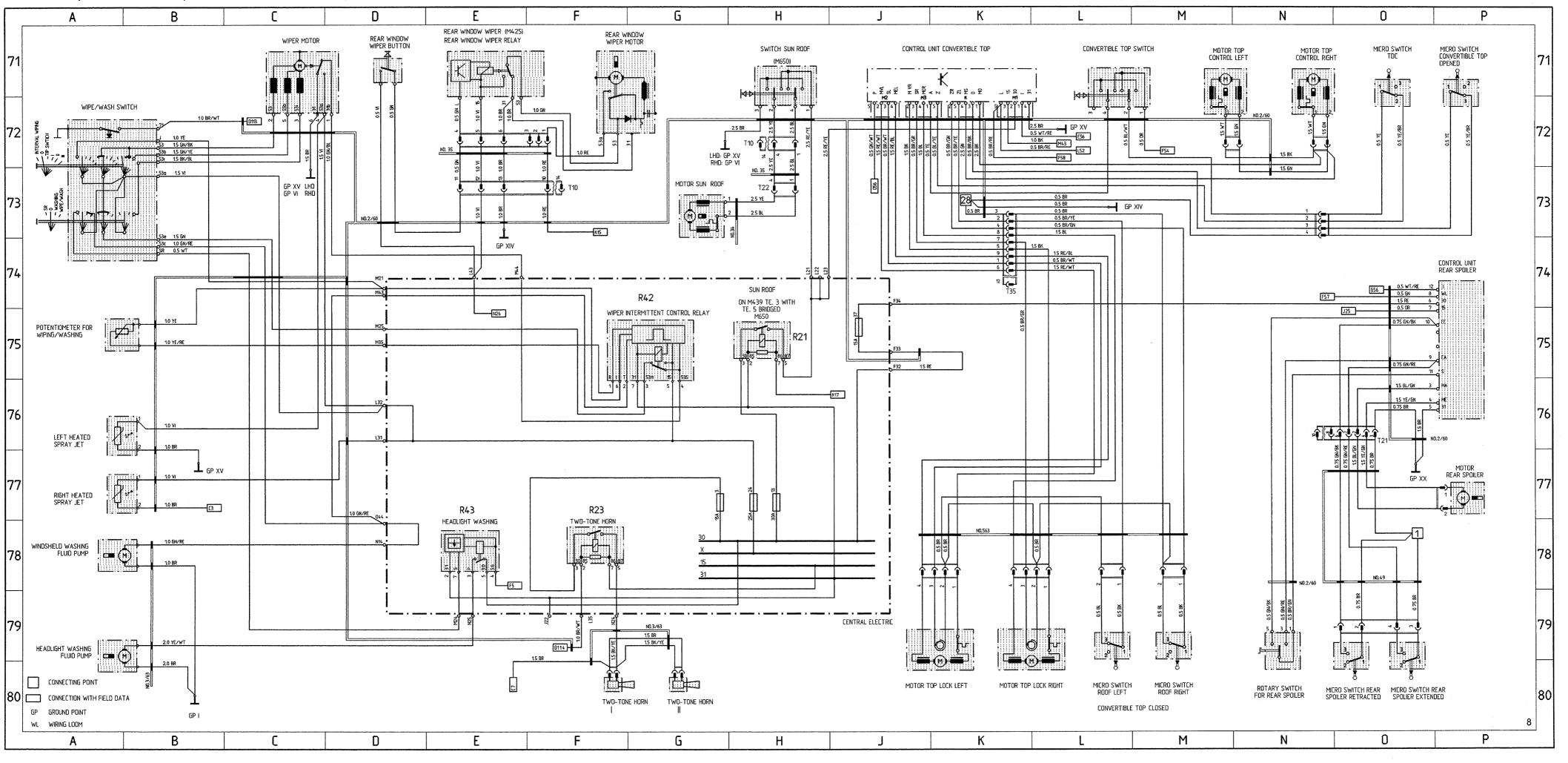


911 Carrera 2/4 MODEL 93 SHEET 7 SEATS



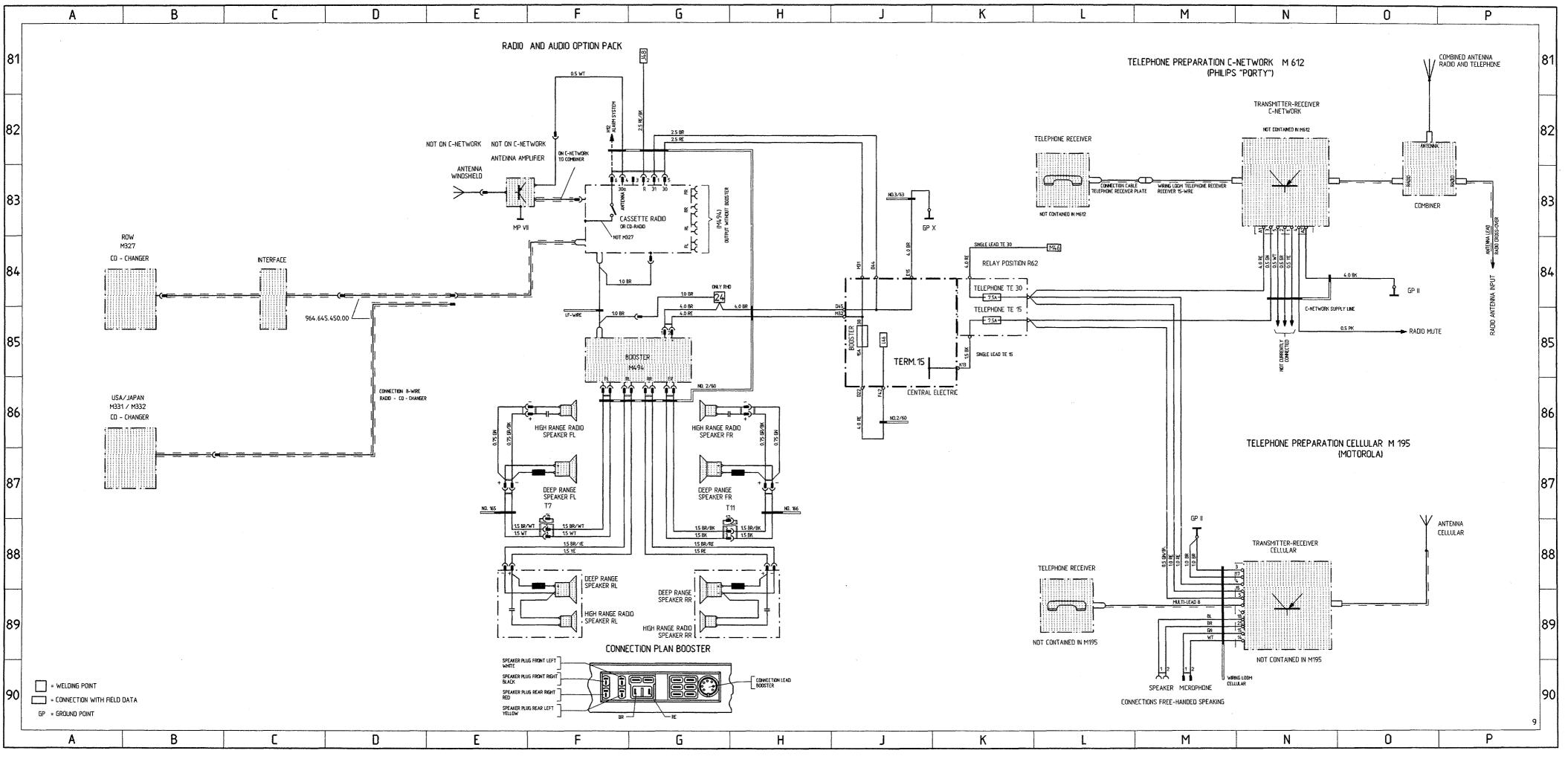
BK = BLACK WT = WH/TE RE = RED GN = GREEN YE = YELLOW

911 CORPORE 2/4 MODEL 93 SHEET 8 REAR SPOILER, TWO-TONE HORNS, WIPE- AND WASH CLEANERS, SUN ROOF, CONVERTIBLE TOP



911 Carrera 2/4 MODEL 93 SHEET 9

Radio, Telephone

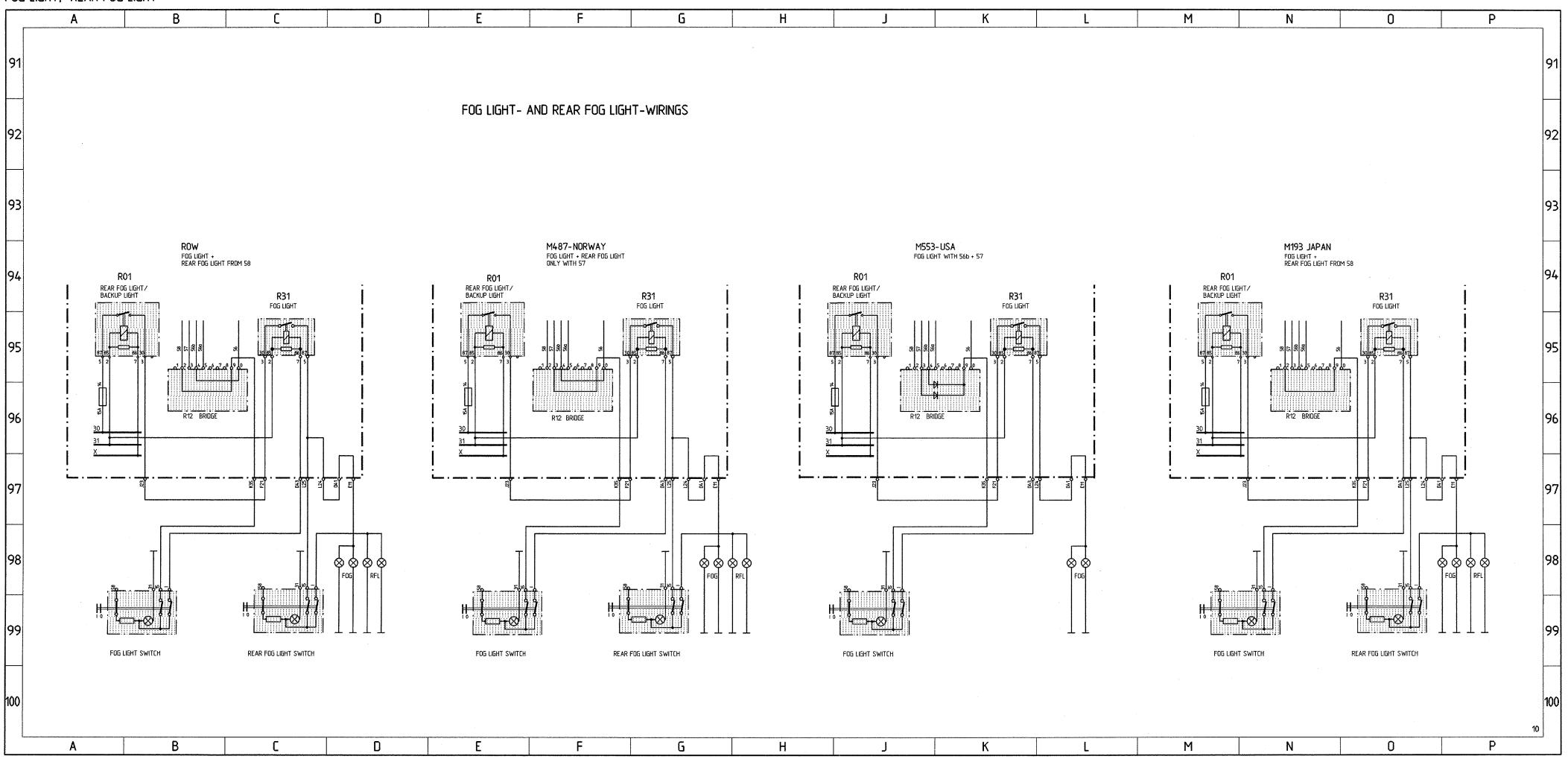


BK = BLACK

YE = YELLOW GR = GR

911 Carrera 2/4 MODEL 93 SHEET 10

FOG LIGHT, REAR FOG LIGHT



97-173

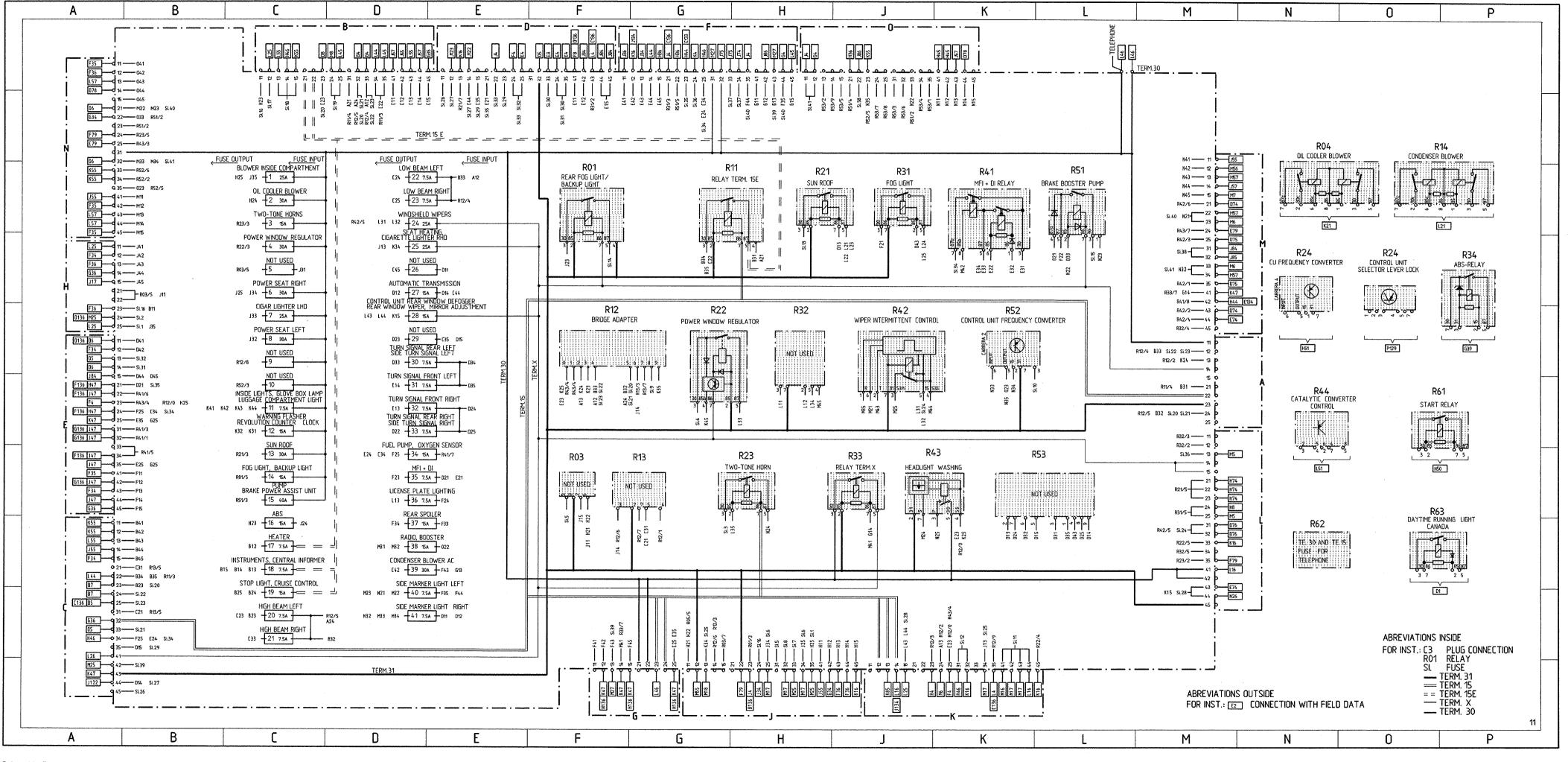
BK = BLACK WT = WHITE RE = RED GN = GREEN

YE = YELLOW GR =

wiring 97

= grey br = brown bl = blue vi = violet pk = pink or = orange

911 Carrera 2/4 MODEL 93 SHEET 11 CENTRAL ELECTRIC



911 Carrera 2/4 MODEL 93 SHEET 12

В

CONSTRUCTION COMPONENTS

Α

C

D

E ·

G

F

Н

CONSTRUCTION COMPONENTS

DESIGNATION, FUNCTION	positik Vehicl		NOTE	Field in Wiring Dia(
	LHD	RHD		
ABS RELAY	6cM	6cM	CENTRAL ELECTRIC	639/40
AIR FLOW SENSOR	16bD	16b0	ON ENGINE	A43
ALARM HORN	3cL	3cL	IN WHEEL HOUSING FRONT RIGHT	J20
ANTENNA AMPLIFIER	7bL	760	IN LUGGAGE COMPARTMENT	E/F83
BACKUP LIGHT SWITCH	14dN	14dN	BY TRANSMISSION RIGHT	N1
BATTERY MAIN SWITCH RS	2dN	2dN	IN LUGGAGE COMPARTMENT	H138/139
BLOWER ENGINE COMPARTMENT	16c0	16c0	ON ENGINE	H30
BLOWER FINAL STAGE	6bN	6bN	IN LUGGAGE COMPARTMENT	F30
BLOWER MOTOR LEFT	6cP	6cP	IN LUGGAGE COMPARTMENT	F30
BLOWER MOTOR RIGHT	6cM	6cM	IN LUGGAGE COMPARTMENT	G30
BOOSTER	9eM	9eM	UNDER THE SEAT RIGHT	F/685
BRAKE BOOSTER PUMP	1d0	1d0	IN LUGGAGE COMPARTMENT	H39/40
BUZZER CONTACT	7cP	7cM	ON IGNITION LOCK	P56
CENTRAL ELECTRIC	6cM	6cM	IN LUGGAGE COMPARTMENT	
CENTRAL INFORMER	6cP	6cP	DN STEERING COLUMN	H32,F/G/H5
CLUTCH SWITCH CRUISE CONTROL	6dP	6dN	BY CLUTCH PEDAL UNDER FLOOR PANEL	P46
CONDENSER BLOWER	2dQ	2dQ	IN WHEEL HOUSING FRONT LEFT	N21
CONTROL RELAY REAR WINDOW DEFOGGER	16cP	16cP	CARRIER PLATE IN ENGINE COMPARTMENT	0/P29/30
CONTROL UNIT ABS	2dM	2dM		A33-38
CONTROL UNIT AIRBAG	6:0	6c0	ON INTRUMENT PANEL	J114/115
CONTROL UNIT ALARM SYSTEM/CENTRAL LOCKING SYSTEM	9eM	9eM	UNDER THE SEAT RIGHT	J-M12
CONTROL UNIT AUTOMATIC TRANSMISSION	10dP 6cP	10dP 6cP	UNDER THE SEAT LEFT	C-G122 J/K71
CONTROL UNIT CONVERTIBLE TOP	9eN	9eN	ON INTRUMENT PANEL	P43/44
CONTROL UNIT INSTRUMENT LIGHT	750	760	IN LUGGAGE COMPARTMENT LEFT	K1
CONTROL UNIT HEATING, AIR CONDITIONING	7:0	7cN	ON INTRUMENT PANEL	B-F21
CONTROL UNIT REAR SPOLER	6cM	6cP	INSIDE FIREWALL RIGHT/LEFT	P74-76
CONTROL UNIT SELECTOR LEVER LOCK	6cM	6cM	CENTRAL ELECTRIC	0/P129/130
CRASH SENSOR LEFT	4cP	4cP	IN LUGGAGE COMPARTMENT	F112/113
CRASH SENSOR RIGHT	4cM	4cM	IN LUGGAGE COMPARTMENT	6112/113
DIAGNOSIS CONNECTION	7cL	7cQ	IN PASSENGER'S FOOTWELL	G/H50
DRIVE CRUISE CONTROL	15c0	15cO	ON ENGINE	N43/44
ENGINE SPEED SENSOR	1ScP	15cP	BY ENGINE LEFT	A46/47
FLASHER	7dN	7dN	IN CENTRE CONSOLE	D1
FUEL LEVEL SENSOR	5cM	5cP	IN FUEL TANK	K51
FUEL PUMP	6eM	6eP	BEHIND THE BASE	J49
FUSES ENGINE COMPARTMENT	16cP	16cP	CARRIER PLATE IN ENGINE COMPARTMENT	L28
GONG RELAY	6cP	<u> </u>	BY STEERING COLUMN LEFT	P53/54
HALL SENSOR	17c0	17c0	ON DISTRIBUTOR	A46
HEADLIGHT CLEANER PUMP	<u>3cQ</u>	3cQ	BY WASHING FLUID RESERVOIR IN WHEEL HOUSING FL	A79/80
HEADLIGHT CLEANER RELAY	6cM	6cM	CENTRAL ELECTRIC	E78
HYDRAULIC UNIT ABS	3dP 15bN	3dP 15bN		<u>C32</u>
IDLE SPEED FUSITIONER	150N	150N	IN ENGINE COMPARTMENT	<u> </u>
IGNITION COLL I	1520	150N		1.41
IGNITION COLL II	1500	15cQ	IN ENGINE COMPARTMENT LEFT	K41
Ignition control unit 1	15cP	15cP	IN ENGINE COMPARTMENT LEFT	K41
Ignition control unit II	15cP	15cP	IN ENGINE COMPARTMENT LEFT	J41
KICK-DOWN SWITCH	6d0	6dM	BY ACCELERATOR PEDAL UNDER FLOOR PANEL	M122
KNOCK SENSOR 1	15cP	15cP	BY ENGINE LEFT	A47
KNOCK SENSOR 2	16cN	16cN	BY ENGINE TOP	A48
LATERAL ACCELERATION SENSOR ABS	7dN	7dN	IN CENTRE CONSOLE	D/E40
LATERAL ACCELERATION SENSOR AUTOMAT	7dN	7dN	IN CENTRE CONSOLE	K129
LOCKING DIFFERENTIAL VALVES LONGIT. AND TRANSVERSE	3dM	3dM	IN LUGGAGE COMPARTMENT	E31
LONGITUDINAL ACCELERATION SENSOR	7dN	7dN	IN CENTRE CONSOLE	E40
MFI + DI CONTROL UNIT	9eP	9eP	UNDER THE SEAT LEFT	B-F41
MFI + DI RELAY	6cM	6cM	CENTRAL ELECTRIC	J44
MICRO SWITCH FOR TOP CONTROL	12cL	12cL	BEHIND SIDE PANEL COVERING	P71

C

DESIGNATION, FUNCTION	positi Vehici		NOTE	Field in Wiring Diagram	
	LHD	RhD			
11CRO SWITCH REAR SPOLIER EXTENDED	16bP	16bP	ON TAILGATE	079	
MCRO SWITCH REAR SPOILER RETRACTED	16bP	16bP	ON TAILGATE	079	
MERO SWITCH ROOF LEFT	9a0	9a0	AT CONVERTIBLE TOP FRAME	L79	
11ERO SWITCH ROOF RIGHT	9aN	9aN	AT CONVERTIBLE TOP FRAME	M79	
11ERO SWITCH TDC	12cL	12cL	BEHIND SIDE PANEL COVERING	071	
10TOR TOP CONTROL LEFT	15c0	15c0	BEHIND REAR SEAT	M/N71	
10TOR TOP CONTROL RIGHT	15cN	15cN	BEHIND REAR SEAT	N71	
NOTOR TOP LOCK LEFT	9a0	900	AT CONVERTIBLE TOP FRAME	J/K79	
10TOR TOP LOCK RIGHT	9aN	9aN	AT CONVERTIBLE TOP FRAME	K/179	
10TOR SUN ROOF	12aN	12aN	IN ROOF	673	
NTC HEATER FAN	16cP	16cP	IN ENGINE COMPARTMENT	630	
DIL COOLER BLOWER	2dL	2dL	IN WHEEL HOUSING FRONT RIGHT	021	
DIL LEVEL GAGE	12cK	12cK	IN WHEEL HOUSING REAR RIGHT	E51/52	
DIL PRESSURE SENSOR/SWITCH	14cN	14cN	ON ENGINE	A54	
IL TEMPERATURE SENSOR COOLING FAN	2dL	20L	IN WHEEL HOUSING FRONT RIGHT	J21	
DIL TEMPERATURE SENSOR FOR INSTRUMENT	14cN	14cN	ON ENGINE	A53	
DUTSIDE TEMP. SENSOR	8bK	8bR	IN OUTSIDE MIRROW	A60	
PRESSURE SENSOR	10eP	10eP	UNDER THE SEAT LEFT	A42	
PRESSURE SWITCH AIR CONDITIONING SYSTEM	650	660	IN LUGGAGE COMPARTMENT	D/E30	
PRESSURE WARNING SWITCH	1d0	1d0	IN LUGGAGE COMPARTMENT	F/G31/32	
REAR FOG LIGHT CUTOUT RELAY	17dN	17dN	BEHIND REAR PANEL	H108	
REAR WINDOW WIPER RELAY	1560	1560	ON REAR WINDOW WIPER MOTOR	E71	
RELAY AC COMPRESSOR	16cP	16cP	CARRIER PLATE IN ENGINE COMPARTMENT	130	
RELAY BACKUP LIGHT	750	7bQ	IN LUGGAGE COMPARTMENT LEFT	L122	
RELAY BLOWER ENGINE COMPARTMENT	16cP	16cP		J/K30	
RELAY BRAKE BOOSTER PUMP	6cM	6cM		H34/35	
RELAY CONDENSER BLOWER	6cM	6cM	CENTRAL ELECTRIC	L21	
RELAY FREQUENCY TRANSFORMER	6cM	6cM		K56/H51	
RELAY FRONT FOG LAMP	6cM	6cM	CENTRAL ELECTRIC	J7	
RELAY DAYTIME RUNNING LIGHT CANADA	6cM	6cM		D1	
RELAY OIL CODLER BLOWER	6cM	6cM		K21	
RELAY POWER WINDOW REGULATOR	6cM	6cM		K18/19	
RELAY REAR FOG LIGHT- BACKUP LIGHT	6cM	6cM		J/K7	
RELAY STARTER AUTOMATIC TRANSMISSION	6cM	6cM		N50	
RELAY SUN ROOF	6cM	6cM	CENTRAL ELECTRIC	H75	
RELAY TERM.X	6cM	6cM		K44	
RELAY TERM 15 E	6cM	6cM		K/L44	
RELAY THERMO SWITCH CATALYTIC CONVERTER	6cM	6cM		L/M51	
RELAY TWO-TONE HORN	6cM	6cM		F78	
RESISTOR BLOWER	16dP	16dP	IN ENGINE COMPARTMENT	J30	
RESISTOR FOR BLOWER CONDENSER	2dQ	2dQ	IN WHEEL HOUSING FRONT LEFT	M21	
RESISTOR OIL COOLER BLOWER	200 2dL	2004 2012	IN WHEEL HOUSING FRONT RIGHT	M21	
SHIFT VALVE RESONANCE FLAP	15bN	15bN	ON ENGINE	<u> </u>	
STARTER	15UN 14dN	14dN	By Clutch Housing Right	P49/50	
STOP LIGHT SWITCH	6dP	6dM	AT THE BRAKE PEDAL BELOW THE FLOOR PANEL	N9	
SWITCH LIFTING	12d0	12d0	ON GEARBOX	D-F129	
FANK VENTING VALVE	1200 15cN	15cN	BY ENGINE TOP	H41	
TEMPERATURE MOTOR	15LN 15cP	15cP	BY ENGINE LEFT	A45	
THROTTLE VALVE POTENTIOMETER, AUTOM, TRANSMISSION	150M	15bN	ON THROTTLE VALVE ASSEMBLY	E50	
TROTTLE VALVE POTENTIONETER, AUTOM, TRANSMISSION	150N	150N	ON THROTTLE VALVE ASSEMBLT	A44/45	
TWO-TONE HORN I	3cL	3cL	IN WHEEL HOUSING FRONT RIGHT		
WO-TONE HORN I	3cL	301	IN WHEEL HOUSING FRONT RIGHT	580	
/ARIANT IDENTIFIKATION SWITCH	9eP	92P	UNDER THE SEAT LEFT		
/-BELT CONTROL	17d0	17d0	ON ENGINE	A55/56	
VARNING BUZZER	7cP	7cP		K60	
				A78	
WINDSHIELD WASHING FLUID PUMP	3cQ 4cM	3:0	BY WASHING FLUID RESERVOIR IN WHEEL HOUSING FL	A78 A78	
		4cQ		1 4 / 15	

Α

В

97-177

Ε

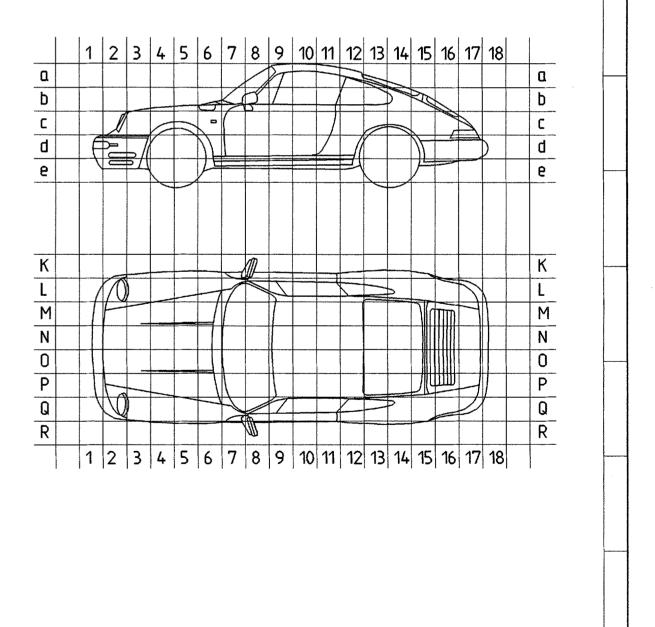
F

6

Н

D

J	К	L	M	N	0	Р	



J	K	L	M	N	0	P

911 Carrera 2/4 MODEL 93 SHEET 13

PLUG CONNECTIONS, GROUND POINTS, ABBREVIATIONS

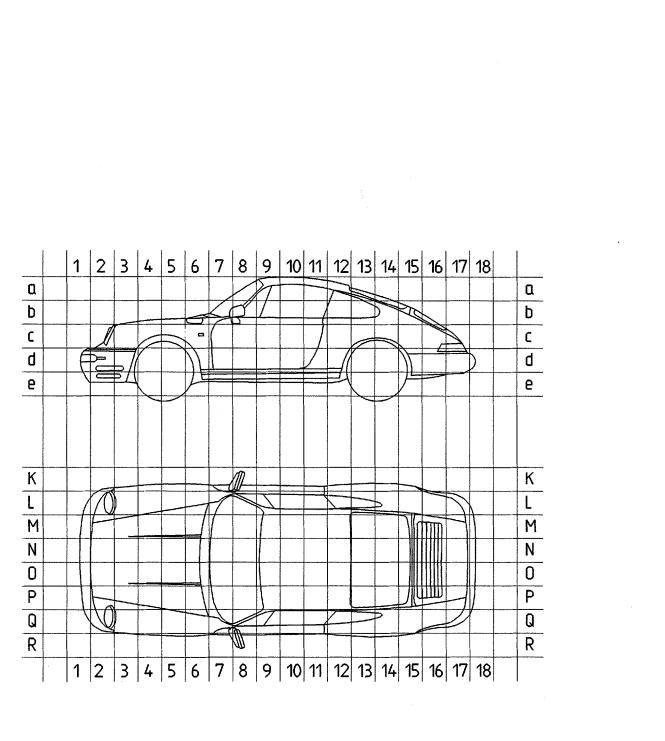
B C	D E	<u>F</u> <u>G</u>	H J K	L	M	N	0	
PLUG CONNECTIONS								
CODE NUMBER OF PINS DESIGNATION, FUNCTION	Position in vehicle note LHD RHD	FIELD	M - NUMBERS					
T1 6 IGNITION LOCK	6CP 6CM BY STEERING COLUMN LEFT	L48						
T2 10 ABS	6cl 6cl IN LUGGAGE COMPARTMENT RIGHT	C36/37, K122, 015						
T5 14 HEATER, AIR CONDITIONER	6CM 6CM UNDER INSTRUMENT PANEL RIGHT	625/26	M 139 ADJUSTABLE SEAT HEATING, LEFT SEAT					
T6 6 AIRBAG	7dN 7dN IN CENTRE CONSOLE	F/6117	M 193 JAPAN VERSION					
T7 14 DOOR DRIVER'S SIDE	6CQ 6CL UNDER INSTRUMENT PANEL LEFT	F88,E/F17	M 215 SAUDI-ARABIA VERSION					
T8 10 DOOR DRIVER'S SIDE	6CQ 6CL UNDER INSTRUMENT PANEL LEFT	C16	M 249 AUTOMATIC TRANSMISSION					
T9 2 AIRBAG	7dN 7dN IN CENTRE CONSOLE	6117	M 340 ADJUSTABLE SEAT HEATING, RIGHT SEAT					
T10 14 REAR WINDOW SHELF	12cl 12cl BEHIND SIDE PANEL COVERING	09.N13.027,E/F73,H72	M 383 SPORT SEAT LEFT ELECTRIC HEIGHT ADJUSTMENT					
T11 12 DOOR PASSENGER'S SIDE	6CL 6CQ UNDER INSTRUMENT PANEL RIGHT	E14,HB8	M 387 SPORT SEAT RIGHT ELECTRIC HEIGHT ADJUSTMENT					
T12 10 DOOR PASSENGER'S SIDE	6CL 6CQ UNDER INSTRUMENT PANEL RIGHT	B59,[14	M 425 REAR WINDOW WIPER					
T156MFI + DI	9eP 9eP UNDER THE SEAT LEFT	L43,853	M 437 COMFORT SEAT LEFT					
T16 14 MFI + DI	9eP 9eP UNDER THE SEAT LEFT	F45/46,B55	M 438 COMFORT SEAT RIGHT					
T18 2 LICENSE PLATE LIGHTS	17dL 17dL TAIL LIGHTS RIGHT	04	M 439 ELECTRIC CONVERTIBLE TOP			1 1 1 1 1		
T19 2 OIL LEVEL GAGE	15cm 15cm in Engine Compartment Right	E52	M 454 CRUISE CONTROL		3 4 5 6 7 8 9	10 11 12 13 1/.	15 16 17 18	
T20 3 GLOVE BOX LAMP AIRBAG	6CL - UNDER INSTRUMENT PANEL RIGHT	017	M 513 LUMBAR SUPPORT SEAT RIGHT					
T21 10 TAILGATE	15cl 15cl in Engine Compartment Right	N76,D14,D10	M 553 USA - CANADA VERSION				α	
T22 4 INSIDE LIGHTS, SUN ROOF	15bM 15bM BELOW THE PARCEL TRAY	H73,013	M 562 AIRBAG	b				
T23 2 INSIDE LIGHTS CONVERTIBLE, TARGA	6CQ 6CQ UNDER INSTRUMENT PANEL LEFT	013	M 573 AIR CONDITIONING SYSTEM	U		+ $ -$	D D	
T24 2 SIDE TURN SIGNAL LEFT	7bQ 7bQ IN LUGGAGE COMPARTMENT ON SIDE MEMBER LEFT	D/E9	M 576 WITHOUT REAR FOG LIGHT	r I I			C C	
T25 2 SIDE TURN SIGNAL RIGHT	76L 76L IN LUGGAGE COMPARTMENT ON SIDE MEMBER RIGHT	C2	M 586 LUMBAR SUPPORT SEAT LEFT					
T27 2 LUGGAGE COMPARTMENT LIGHT	7bL 7bL IN LUGGAGE COMPARTMENT ON SIDE MEMBER RIGHT	D16	M 602 HIGH MOUNTED STOP LIGHT					
T30 14 NO. 16 MOTOR	16CP 16CP CARRIER PLATE IN ENGINE COMPARTMENT	N/03,J27/28,048/49,B54	M 650 SUN ROOF					
T31 12 MDTOR, MFI+DI	16CP 16CP CARRIER PLATE IN ENGINE COMPARTMENT	0/E47,B53	M 659 ON-BOARD COMPUTER	<u> </u>			e	
T34 14 HEATER, AIR CONDITIONER	6CM 6CM IN LUGGAGE COMPARTMENT RIGHT	<u>523/24</u>						
T35 12 CONVERTIBLE TOP	12cl 12cl BEHIND SIDE PANEL COVERING	K73/74						
T36 6 REAR WINDOW	15bm 15bm BELOW THE PARCEL TRAY	09,028						
T38 7 NO.4, FRONT LIGHTS	3cl 3cl IN WHEEL HOUSING FRONT RIGHT	C5/6						
T39 5 NO.4, FRONT LIGHTS	3ct. 3cl in wheel housing front right	С6/7						
T40 30 AUTOMATIC TRANSMISSION	9eP 9eP UNDER THE SEAT LEFT	H124/125		κ	M I		K	
T41 12 AUTOMATIC TRANSMISSION	9eP 9eP UNDER THE SEAT LEFT	C/D50,E127		<u>"</u>				
T42 6 REAR PACKAGE TRAY	9em 9em UNDER THE SEAT RIGHT	H16						

Ground Points

CODE	NOTE	position in vehic LHD		
GP I	LUGGAGE COMPARTMENT, WHEEL	2cP		
GP II	LUGGAGE COMPARTMENT, WHEEL	2cM		
GP III	ON FIREWALL			
GP IV	GROUND FOR POWER CONSUMERS,	11eP		
GP V	ELECTRONICS, UNDER SEAT LEFT	10eP		
GP VI	CENTRAL ELECTRIC, ON SIDE MEME	6bL		
GP VI	ANTENNA AMPLIFIER ON SIDE MEM	7bL		
GP VIII	INSIDE LIGHT CONVERTIBLE, ROOF (90N		
GP IX	INSIDE LIGHT, ROOF RIGHT			
GP IX	INSIDE LIGHT, ROOF LEFT	11aP		
<u>GP X</u>	BATTERY, LUGGAGE COMPARTMEN	ЗеР		
<u>GP</u> XI	GROUND STRAP (STARTER, TRANS	14cM		
GP XII	ENGINE COMPARTMENT REAR LEFT	15c0		
GP XIII	MOTOR LEFT	15c0		
GP XIV	ENGINE COMPARTMENT REAR RIGH	15cL		
GP XV	INSTRUMENTS, SIDE MEMBER LEFT	7bQ		
GP XVI	COMBINED LEAD REAR LEFT	13dP		
GP XVI	COMBINED LEAD REAR RIGHT	12dM		
GP XVIII	COMBINED LEAD FRONT RIGHT	4cM		
GP XIX	COMBINED LEAD FRONT LEFT	4cP		
6P XX	SEAT CROSS MEMBER, UNDER SEA	8eL		
6P XXI	GROUND FOR POWER CONSUMERS,			
GP XXII ELECTRONICS, CONNECTION CRANK CASE				
	В	٢	Π	

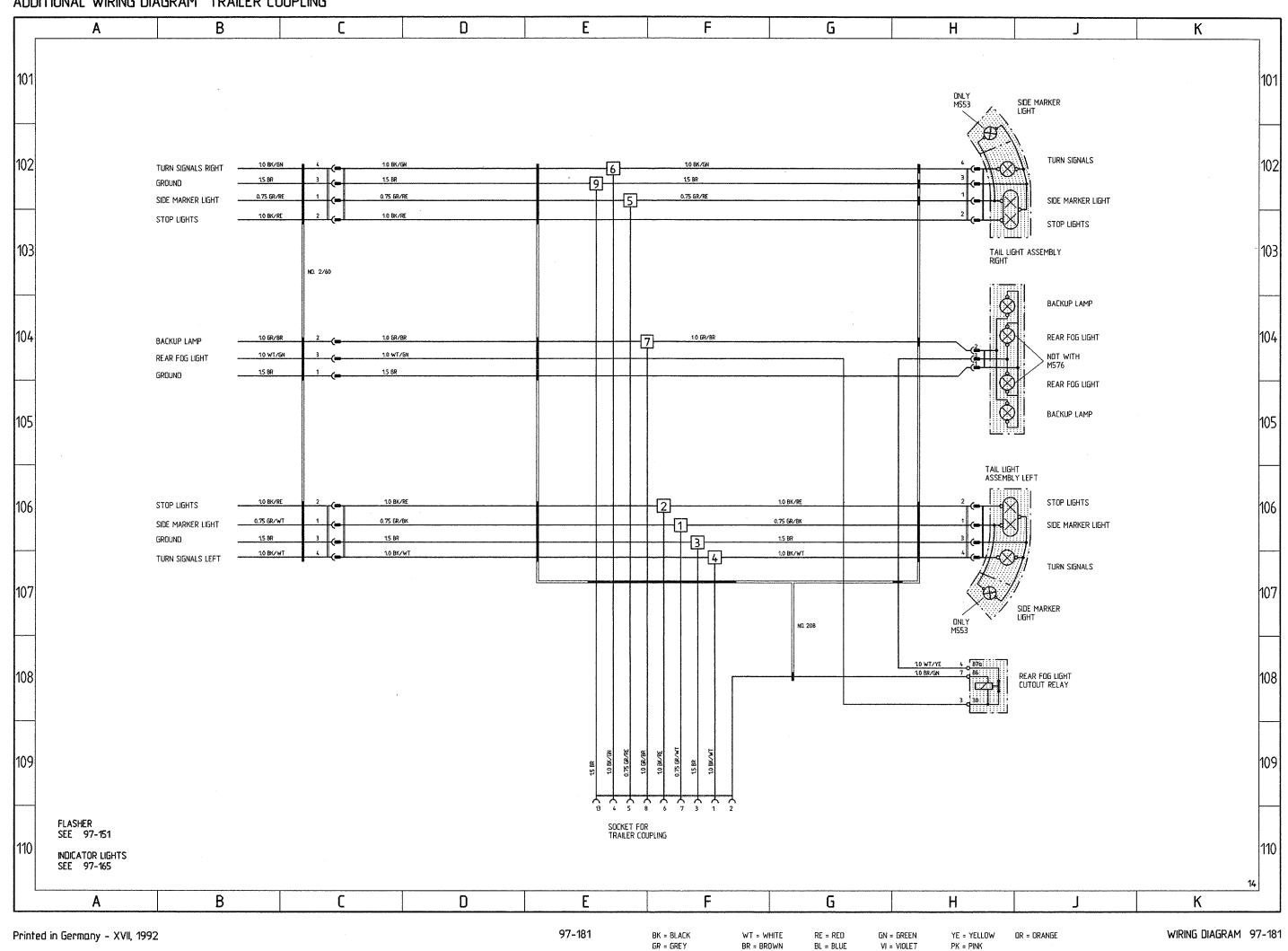
ABBREVIATIONS

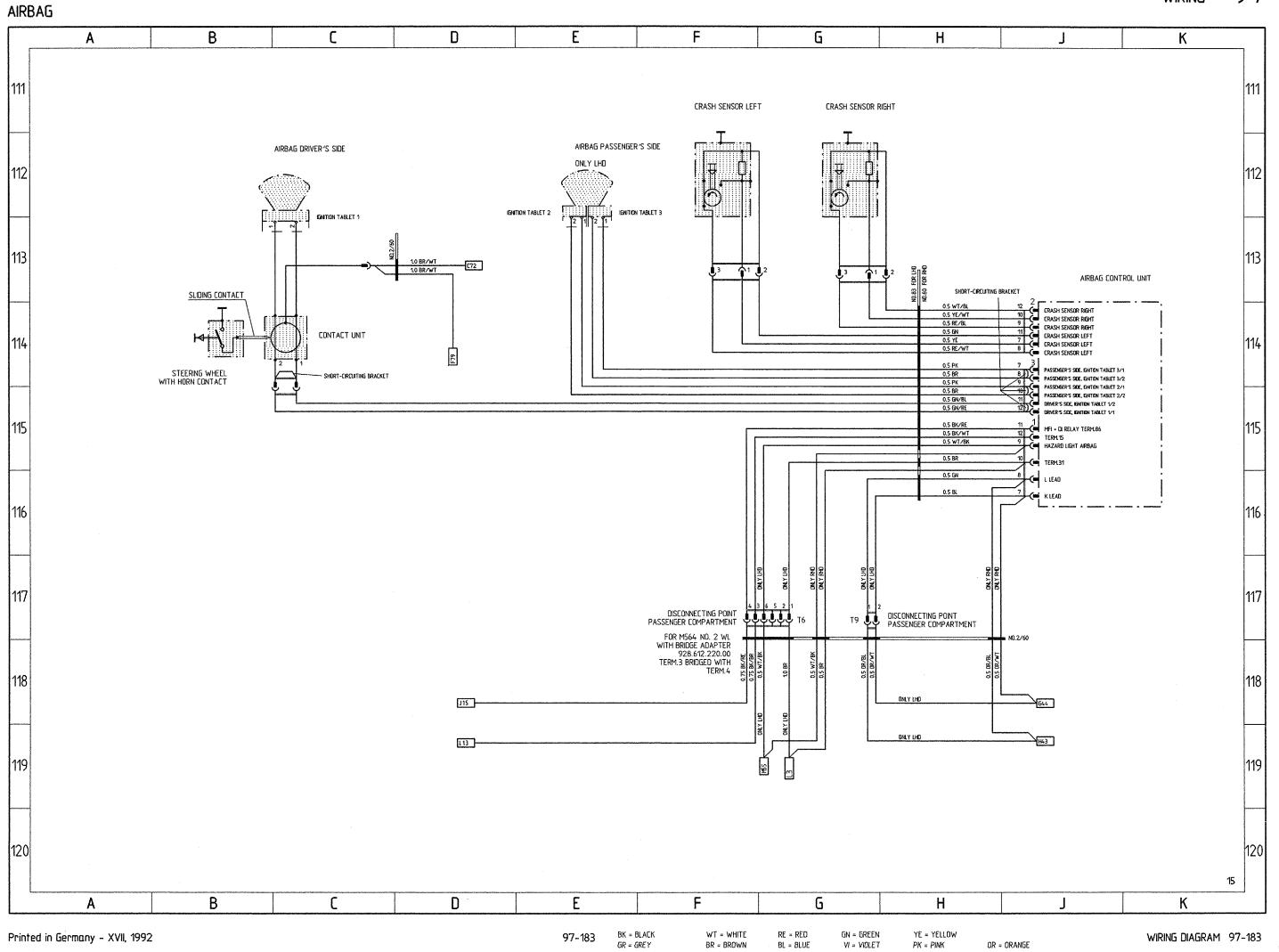
IC	INSTRUMENT CLUSTER		WP WW	WELD POINT WORLDWIDE		
HES	HEADLIGHT LLEANING SYSTEM HIGH FREQUENCY		USA WL	Viring Loom		
<u>GP</u> HCS	GROUND POINT HEADLIGHT ELEANING SYSTEM		TE USA	TERMINAL USA		
FR	FRONT RIGHT		SS	SPEED SENSOR		
FOG	FOG LIGHT		SCS	COMBINED STEERING COLUMN SWITCH		
FL	FRONT LEFT		SA	SAUDI ARABIA		
FEU	FREQUENCY CONVERTER UNIT		RR	REAR RIGHT		
FA	FRONT AXLE		ROW	REST OF WORLD		
ESO	Engine-speed sensor output		RL	REAR LEFT		
DP	DISCONVECTING POINT		RHD	RIGHT-HAND DRIVE		
DI	ELECTRIC IGNITION SYSTEM WITH KNOCK CONTROL		RFL	REAR FOG LIGHT		
DEF	DEFROST		RDK	TIRE PRESSURE CONTROL		
 CU	CONTROL UNIT		RA	REAR AXLE		
CP		······································	PSD	PORSCHE LIMITED SLIP DIFFERENTIAL		
CLS	CENTRAL LOCKING SYSTEM		РОТ	POTENTIOMETER		
CL	CLOSE		PIN	PLUG		
AC CE	AIR CONDITIONING SYSTEM		OP PIN	PIN		
ADL.	ADDITIONAL DRIVING LIGHTS		NTE	NEGATIVE TEMPERATURE COEFFICIENT		
ABS	ANTILOEK BRAKING SYSTEM		NO	NUMBER		
CODE	MEANING		CODE	MEANING	·····	







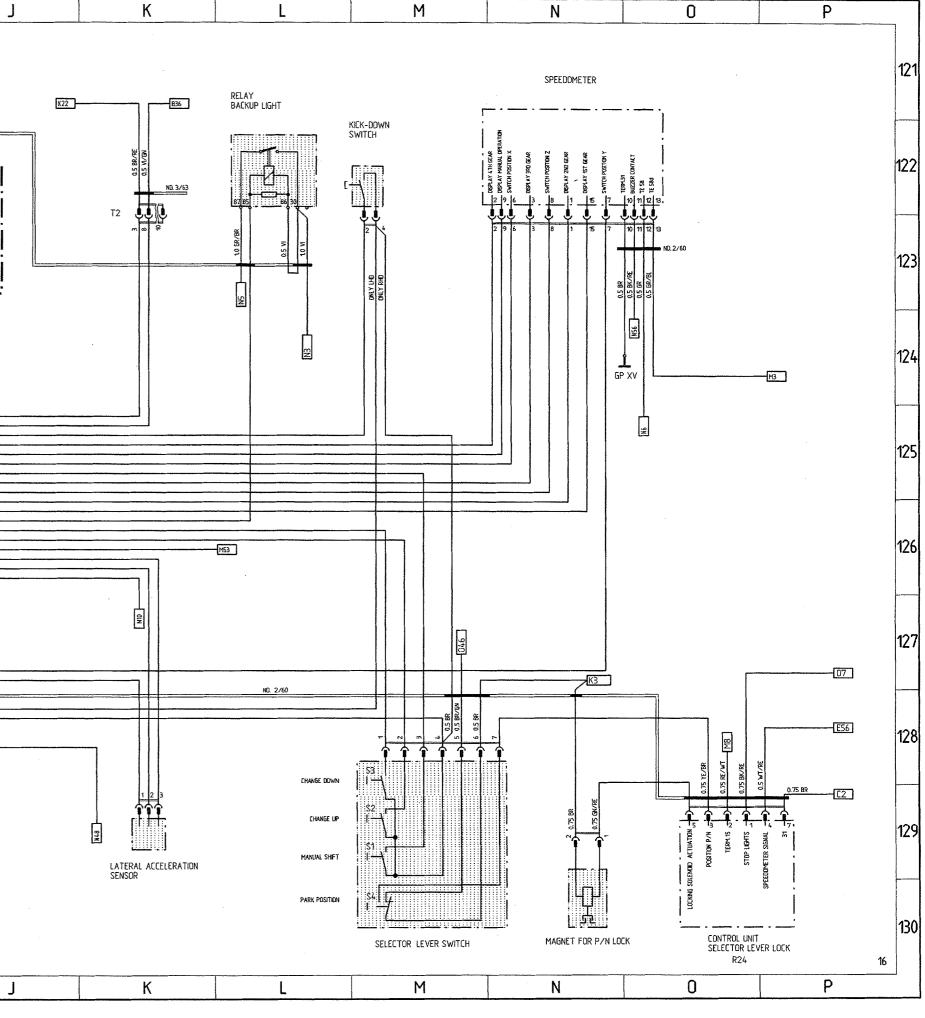




97

911 Carrera 2 MODEL 93 SHEET 16

AUTOMATIC TRANSMISSION G Н В D Ε F Α ٢ TRANSMISSION CONTROL UNIT -----1.5 RE/WT 143 ND. 2/60 CENTRAL ELECTR **₽•**∏ 0.5 06/WT 0.5 06/WT 0.5 06/WT 0.5 76/WF 0.5 76/WF 0.5 76/WF 0.5 06/BF 0.5 06 ELECTRICS ON TRANSMISSION 0.5 RE/YE 0.5 BR/WT 0.75 BL/YE 0.5 BL/YE 1.5 BR 0.5 BR 0.5 BR 0.5 GN 0.5 GR 0.5 GR 0.5 BL 0.5 BL 0.5 BK/WT 0.5 DR/BL 0.5 DR/BL 0.5 WT/GB 5 88 INDUCTION PULSE SENSOR DRIVE SPEED || | · ← − SOLENOID VALVE 2 SWITCHING POINT CONTROL T40 Solenoid Valve 1 Switching Point Control 15 RE/WT 0.5 BR/RE 0.5 VI/GN 0.5 BK/YE GP I 0,5 GN/BL 0,5 BL/GN 125 SOLENOID VALVE MODULATION PRESSURE 0.5 BL/WT ХĊ 0.5 BL/WI 0.5 GN/FR 0.5 GN/WI 0.5 GN/YE 0.5 GN/KGN 0.5 GN/KE SENSOR (PTC) TRANSMISSION TEMPERATUR ┍┎╱╝╬ WT J 10 BR -2-Coding Plug Socket 1 2 0.5 BR 0.75 YE/BR M249 DSO 0.5 BL/YE 0.5 PK/BR 2 0.5 BR 0.5 BR ή**Δ** GP V 0.75 YE/BR 0.75 YE/BR * | _] " _] SWITCH LIFTING , Mitta PRND321 **F**I.... (III) **н|||||**-0.75 BR 0.75 BR 0.75 BR D В ٢ E F G Η Α



911 Carrera 2 RS MODEL 93 SHEET 17 DIFFERENT CIRCUITS

